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MAGAZINE

Volume 23 Number 1 November, 1969

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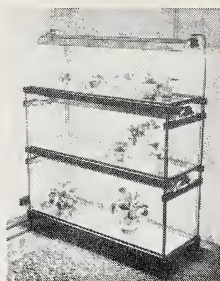
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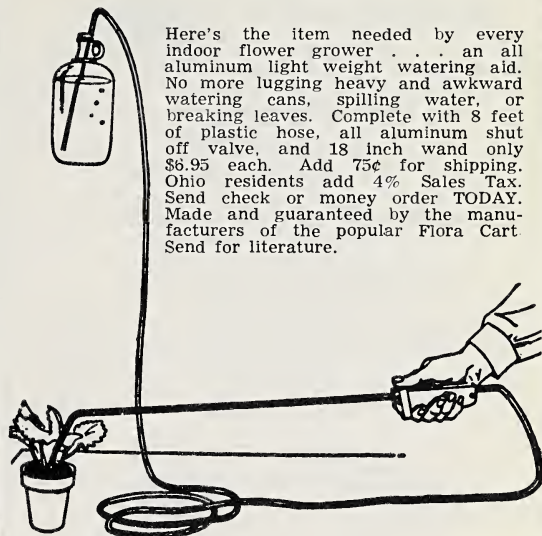
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Top Flight
Tricksy Blue
Triple Threat
Victorian
Voyager
White Peacock
Yankee Doodle—Min

Minimum order six cuttings — Please list some substitutes
6 — \$5.00 12 — \$9.50 25 — \$18.00

Please include \$1.50 shipping charge with order, \$2.00 west of Rockies.

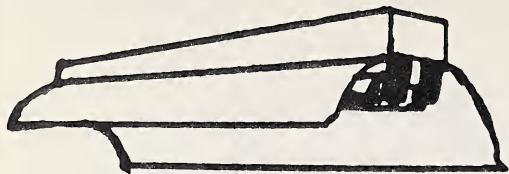
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MODEL FH240 FOR 2 TUBES 40 WATT

(Equal to about 240 Watt of regular bulbs)
Size: 48" long, 13" wide. Weight approx. 22 lbs.
Complete with 2 daylight bulbs
36" rubber cord and pull-switch.

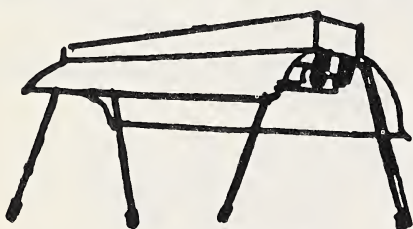
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\$12.50 EACH

For additional growing results—if so desired—
2 sockets for regular light bulbs built in.

ADD \$1.80

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MODEL FM240

Same as Model FH240 (above) with the addition
of 2 wrought iron legs 18" high, with rubber tips.
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FOR 2 TUBES 20 WATT MODEL FH220

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| <input type="checkbox"/> | Built in 2 sockets for regular bulbs | |
| | \$1.80 per fixture. | |

As advertised, for which I enclose check or
money order for \$
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City State



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one with all mankind
and bring the abiding
love and peace for which
the whole world longs.

Elisa's African Violet
Rings are made of dura-
ble green plastic—the at-
tractive open design al-
lows the air to circulate
freely around your vio-
lets.

The rings slip on from
the bottom and are held
in place with a rubber

band—eliminating broken leaves. They are indispen-
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Two Sizes — 9" fits pots from 3" to 4½"

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Prices — 9" rings — 60¢ each plus postage*

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Our special: 3 — 9" and 3 — 13" — \$3.60
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Please do not request us to pack, say
1 large ring and 5 small ones—Packing
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***Postage and Handling:**

6 Rings add 70¢ West of Denver—
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12 Rings add 85¢ West of Denver—
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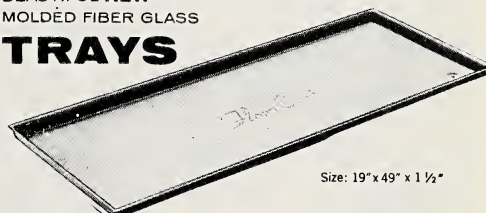
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ATTRACTIVE NEUTRAL COLOR...Permanently molded-in to every tray!

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Vermiculite	5 Qts./\$1.00 12 Qts./\$2.00
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Violet Soil (Our own with leaf mold)	3 Qts./\$1.00
Charcoal	1 Qt./65c 2 Qts./\$1.00
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Antrol Spray Bomb	6 oz./89c
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Kapco (15-30-15)	½ lb. \$1.00 — 1 lb. \$1.75
New Era (Violet Food) Liquid	4 oz./59c
New Era (Violet Food) Powder	3 oz./45c
Peat Humus	3 lb. bag/\$1.00
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PLASTIC POTS (ROUND)

2¼ in.	25/\$1.40	50/\$2.50	100/\$ 4.00
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2¼ in. square	25/\$1.40	50/\$2.50	100/\$ 4.00
MINIMUM ORDER \$2.50 on the Above Supplies.			

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Violet Exhibit At Flower Show

The annual Springfield Flower Show at Springfield, Mass., was held this year as usual but it included something different.

Along with the innumerable showings of commercial florists and garden clubs, the artistic floral arrangements, and new introductions of shrubs, flowers, and fertilizers, a 12 x 14-foot booth was prepared and manned by the Pioneer Valley African Violet Society with the assistance of a "baby" club, the Hobbyists.

"Colorama of African Violets" announced to all this interesting hobby and the Society's name appeared under the title.

"The sign done in shades of metallic over a layer of reflective sparkles drew all attending the show to our booth," said Mrs. Irwin B. Franklin.

"Arriving at our booth, the tempo of their interest increased, and during most of the days of the show, our members answered questions, made comments, gave information, advice and suggestions constantly from 10 till after closing time. Since this flower show attracts people, not only from the New England states, but from Canada, New York State and others along the eastern seaboard, with an average attendance of 55,000 to 60,000, you may well understand our common complaint, 'I've talked myself hoarse!' Our members found manning the booth a constant challenge, as interested attendees from 8 yrs to 83 years of age besieged our members with all kinds of problems.

"In our educational exhibit we included examples of leaves rooting in several media, how and when to separate little plants, how to progress plant with little or no shock, soil samples, the ingredients used, sunburned, over-watered, water-marked, long-necked, and multi-crowned plants, re-rooting long necks, suckers, etc.

"Our wooden fluorescent light stand was particularly interesting to many men and women, who had wanted to construct their own but did not quite know how to go about the job. After being invited into the booth for a closer look, as well as the opportunity to make measurements, receive information on where to purchase fixtures, hours of light necessary for successful growing, and need for continuous feeding, etc., these enlightened (fluorescent? — Pun?) folk left with a satisfied smile and vision of raising plants just as beautiful as the specimen plants exhibited under our lights."

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Beautiful 8-tray light weight steel stand 24" square, 54" high, 16" between trays. Hi-impact soft green plastic portable trays. Fluorescent fixtures complete with cord and plug available for each shelf. Ideal stand for apartment dwellers. Holds up to 30 pots per tray. Special bracket included for top shelf fixture when lights are ordered.

4-tray stand: \$21.95
8-tray stand: \$34.95

Fluorescent Light Assembly double tube \$12.95 ea.
single tube \$8.95 ea. extra.
Send for literature.

All items Postpaid



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75 CENTS PER TUBE.



The Sylvania GRO-LUX
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8-Tray Sunlighter \$34.95

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NEW LOW PRICE \$14.95 ppd.
add \$2.50 for Humidity Tray.

Gro-Lux, Wide Spectrum tubes, Timers, Humidity trays, Markers, Books, 2 and 4 tube Wide Space Duolight Fluorescent Fixtures. Free \$2.00 Mist Sprayer with order of \$9.00 or more.

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Helps You Grow Finer Blooming African Violets!



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New formula
high organic
Not too heavy or light
Has shredded spagnum moss
Decomposing humus
aerates soil,
holds moisture,
feeds beneficial soil bacteria
Better drainage than
lightweight mixes.



easier feeding

liquid balanced 5-8-7 formula
Easier to use.
Concentrated for economy
All food—no residues.
Gives plants 13 needed trace
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Quick, easy to use
Kills aphids & mites,
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A finely ground food,
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Quickly available to plants.
Balanced 5-8-7 formula,
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Proved by years of use.
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One-shot soil insecticide.
Controls nematodes, spring-
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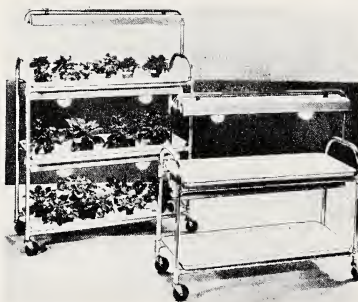
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Flora Cart is the original, most popular movable and practical unit for easy indoor gardening! Raise luxurious African Violets . . . force spring flowering bulbs and get strong plants from all seeds and cuttings! NOW every Flora Cart comes with beautiful new molded fiberglass trays . . . lightweight and strong, easy to keep clean and impervious to moisture, chemicals or weather! Choose from two Flora Cart models: 3 Trays, \$57.00; 2 Trays, \$44.50. (Light Fixtures additional.) Rugged lifetime construction of bright aluminum tubing. The large heavy duty 4" diameter rubber-tired, ball bearing swivel casters makes it easily movable, even over heavy carpeting! Equip your Flora Cart with Combolite fixtures designed especially for flower culture, combining incandescent and fluorescent lights, proved superior to either one alone! For use with new Rapid Start fluorescent lights. No starters are necessary.

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Remember you owe a lot to the good old AVSA!

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Old and New Varieties

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FRUIT RIPENER

\$11.95 Prepaid

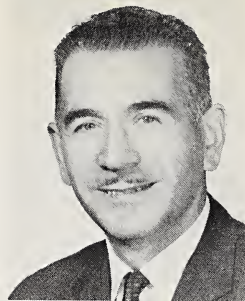
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President's Letter



Dear Memberss

With the approach of another Winter Wonderland and Holiday season, my thoughts wander to simple things in my life that have provided inner happiness. The peaceful solitude I have spent in our beautiful Pennsylvania woods, where hearts and thoughts of men turn from the demanding and material things of life, to the trust and faith in Creator and man which one must daily renew.

The simple task of growing plants, an interest we all share, can help us to feel the satisfaction and joy that nature brings. May the joy of the season reflect its love and blessings on you and your loved ones.

I wish to review with you some of the most recent happenings in our society to keep you informed. I have been privileged to view the new slide program of the 1969 Philadelphia Convention entitled "Violets In Philadelphia." This can be acquired through your Library Chairman, Mrs. Wayne W. Schroeder. Please contact her on this or any other excellent slide programs and library material available to affiliated clubs and chapters. My personal thanks to Mrs. Schroeder and her library committee for the compiling of this latest fine slide program.

May I remind you that the new Master Variety List is now completed and should soon be available. Please look for its release date and cost in the magazine. My gratitude and personal thanks for this gigantic job, well done, to Mrs. Adele Tretter and her committee.

There has been a change in the chairmanship of the Publications Committee. To my deep regret Mr. Frank Burton, my appointed chairman for the year, finds it necessary to be relieved of this duty due to the expansion of his building business which makes enormous demands on his time. I am greatly pleased he has consented to remain on the committee and help the new chairman in the change over.

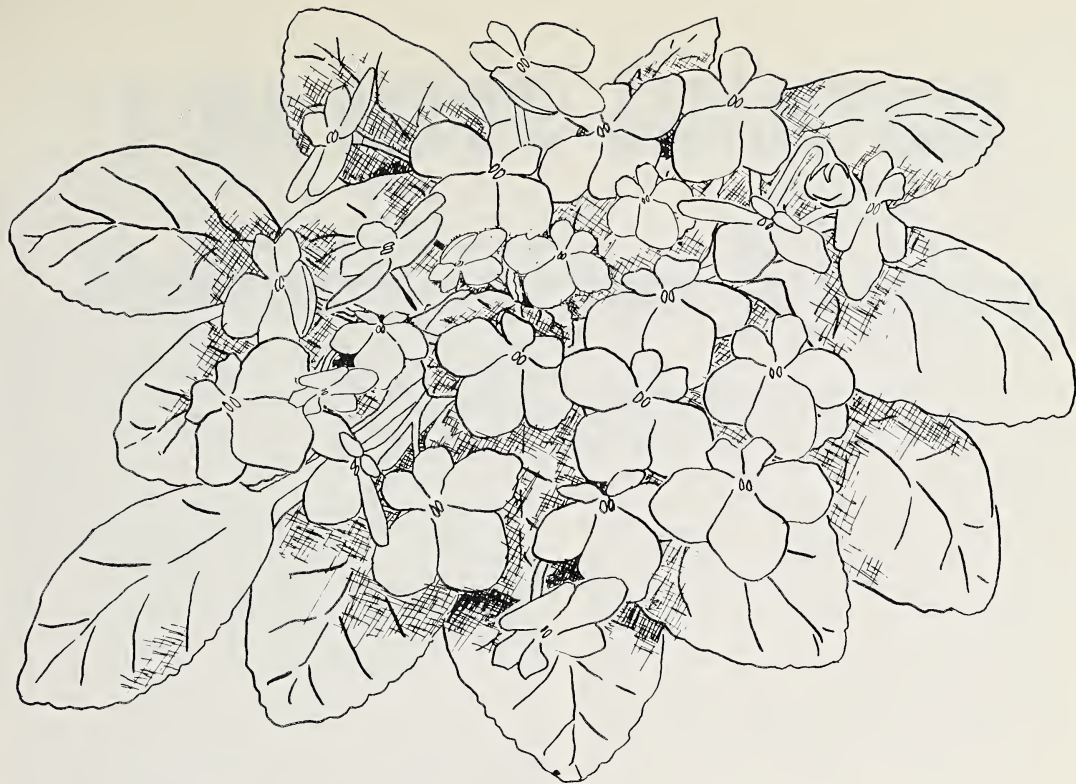
We as a society owe Frank a great debt of gratitude for his many contributions. As former President of our society he served well and faithful during some of our most critical periods, not only as President but in many other capacities and committees. The most recent is the Publications Committee which has benefited greatly from his experience and knowledge. He has given most generously of his time, talent and friendship during some of the most trying years of his own personal life, a great asset we shall long remember. I wish to express my own personal thanks and want Frank to know we shall continue to seek his guidance.

Effective September 1st, 1969, I appointed a new Publications Chairman to serve in my year. Our beloved immediate Past-president, Mrs. Neva Anderson, has graciously accepted this appointment. Her past performance in carrying out our society's business, her capability in serving the society in its many facets plus her meticulous method of getting things done give me great confidence in her task of filling this important post.

Our research program on nematodes continues at Rutgers University under the direction of Dr. Streu. We look forward to its completion in the near future. We have also made arrangements to begin research testing on Cygon at this laboratory.

Your new Research Chairman, Mr. Lyndon Lyon, is at work on genetic variations and will report on this important project at a later date.

Recent reports of plans and program for the 1970 Spring Convention in



BOOSTER FUND VIOLET CONTINUES TO BLOSSOM: More blossoms are being added to the Booster Fund violet through your contributions to the Booster Fund, which is being used to continue and expand AVSA projects and services. Contributions for this AVSA promotional fund are to be sent to the AVSA treasurer, P. O. Box 1326, Knoxville, Tenn. 37901. A new bloom appears each time the fund grows \$100.

(Sketch by Mrs. Dale H. Brown, Albert Lea, Minn.)



GETS AWARD—Mrs. John A. Swift of Swift's Violets of Dallas, Texas, is shown receiving a special award at the Philadelphia convention. In the September magazine, Mrs. Swift was identified as Mrs. E. T. Kolb. Our apologies! Swift's received two awards: Second for best commercial display table and an award for Horticultural perfection.

PRESIDENT'S LETTER

(Continued from Page 14)

Milwaukee are being sent to me by Mrs. Adeline Krogman, our convention chairman. Rest assured she and her various committees are hard at work to bring you the finest convention ever. Program and plans will unfold in future magazines. I urge you to make your tentative plans to attend.

In late September I shall attend (as representative of AVSA) the American Horticultural Congress to be held here in Philadelphia. I shall report on this later to you in detail.

One last thought in this timely message to solve "gift-giving problems." Remember a Gift membership in AVSA will bring year long pleasure and a constant reminder of your friendship.

Sincerely,

Frank A. Tinari

SAINTPAULIA SPECIES AND I

Mrs. Glenn B. Hudson
761 Belvidere
Westfield, N. J. 07090

(ED. NOTE: This is the first of a series of articles concerning Saintpaulia Species. Photographs of some of the species are being supplied by Joan Van Zele, official AVSA photographer.

In the late 1930's my next door neighbor had several dark blue African violets (probably "Blue Boy)." I liked them very much but for a number of years it was deemed to be a one-sided affair, in that while I enjoyed them, the few African violet plants I obtained did not thrive under my growing conditions and died within a short time. It was not until the fall of 1952 that we (the AV's and I) got together and solved our problem of compatability and coexistence was possible. Since 1952 my growing and exhibiting of African violets has been more or less successful and I have spent many (mostly) happy hours with my plants.

From articles appearing in the African Violet Magazine, also in books on the subject of African violets, I was intrigued when reading about the ancestors of our modern hybrids, the Saintpaulia species, native to regions of eastern tropical Africa.

The discovery of the first specimen plants by Baron Walter von St. Paul in 1892 was indeed fortunate for those of us who love and treasure our Favorite House Plant. It was again fortunate that the Head Gardener of the Royal Botanic Gardens in Germany was able to successfully grow plants from seeds and establish that they belonged to a genus not yet identified. The gardener named the genus Saintpaulia in honor of Baron Walter von St. Paul, who had sent the seeds and plants to his father in Germany.

Today there is fairly reliable information to believe that there were two of the species in the first shipment. However, only one was identified and named *S. ionantha*, a Greek word which roughly translates into "flowers like a violet." This plant was found near Tanga, on the east coast of Africa at an elevation of 100 to 150 feet. The other species, not identified at that time, is now believed to have been *S. confusa*, whose habitat was at a much higher altitude. The improvement in our AV's began when the hybridizers cross pollinated the species or sports and mutants occurred. The majority of the modern hybrids are descendants of either *S. ionantha* or *S. confusa*, or both. "Blue Boy," one of the earliest hybrids, is be-

lieved, by some authorities, to be a cross between *S. ionantha* and *S. confusa*, but this is not certain as no records were kept.

First Specimen Plants

It was not until late in 1954, while on a field trip sponsored by the Union County Chapter of the AVSA, to the Tinari Greenhouses, that I was able to obtain my first specimen plants of the Saintpaulia species. That day I purchased *S. orbicularis* and *S. grotei*.

In growing the native plants I found new challenges and became "hooked" on the species. Very slowly my collection grew, (because the species are not readily available at our commercial growers). However in 1962 I was fortunate in visiting Mr. Henry Peterson's Greenhouses, Cincinnati, Ohio, and enlarged my collection to 16 varieties.

At the AVSA Miami Convention in 1966, Henry Peterson and I agreed that an Educational Display of the Saintpaulia species at the 1967 Convention at Boston would give our AVSA members an opportunity to see the ancestors of our beautiful modern hybrids. In the fall of 1966 Mr. Peterson supplied me with a plant of each of the species then commercially available. The 30 plants which I displayed at Boston, included the best plants from my own stock, plus plants from the stock supplied by Mr. Peterson in the fall of 1966. The 30 plants included 17 different species, (some had more than one strain) and two plants, "House of Amani" and "Sigi Falls," thought to be species but which have not been thoroughly investigated and identified. My present collection includes four more of the species; *S. magungensis* var *minima*, *S. orbicularis* var *purpurea*, *S. pendula* var *kizare* and *S. teitensis*.

Different Conditions

The growing of the species has been quite challenging as the plants in their native habitat grow under very different conditions as regards to, ranges in temperature, differences in elevation, soils as well as rainfall and humidity. Therefore when grown in a home, near sea level (60 feet elevation), the smog, etc., of a suburban area in the north Jersey Industrial Belt, temperature and humidity compatible to us humans and a light source that must be supplemented by fluorescent light, one can expect and does encounter problems. The problems that I find most difficult, for some of the species, are humidity and temperature. Growing some of the species in a terrarium helps out for humidity. However, the wide ranges in

(Continued on Page 20)

DOSE-RATE EFFECTS IN Saintpaulia

Mutations In Plant Breeding

By C. Broertjes
*Institute for Atomic Sciences in Agriculture,
Wageningen, Netherlands
International Atomic Energy Agency*

African violet, *Saintpaulia ionantha* c. v. Utrecht has been used to study the effect of various mutagenic agents, both radiation and chemical, upon mutation frequency and spectrum. During these experiments a very pronounced dose-rate effects with X-rays as well as with fast neutrons was observed.¹

Saintpaulia was chosen because the usual propagation by means of leaf cuttings results in the production of a number of young plants at the base of the petiole, each plantlet apparently arising from only one epidermic cell [1, 2]. After irradiation (almost) all plantlets turn out to be non-chemical, viz. they are either completely normal or complete solid mutants [2]. Since the diplontic selection is reduced to a minimum, the mutation frequency is high ($\pm 30\%$ of the plantlets are visible mutants after an optimal acute X-ray dose of 5 krad) and the mutation spectrum very wide. Moreover, the cells which give rise to the plantlets are always irradiated at the same, resting stage irrespective of the duration of the

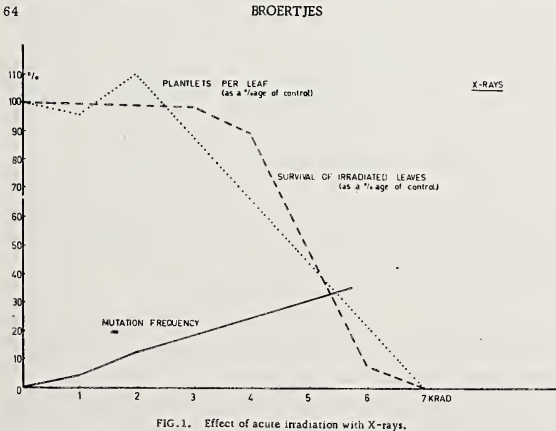


FIG. 1. Effect of acute irradiation with X-rays.

¹ Most data are from unpublished results; they will be published extensively.

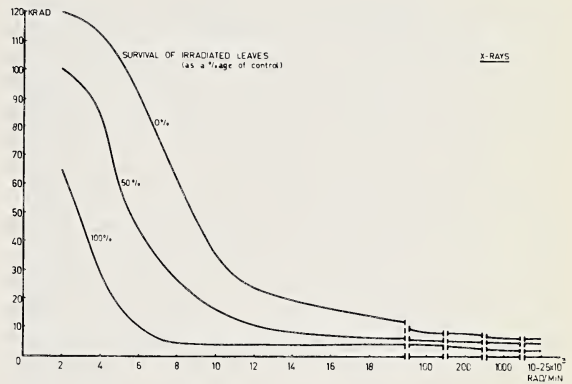


FIG. 2. Survival of irradiated leaves at lower X-rays dose rates.

treatment, whether minutes or weeks. This ideal synchronization can be obtained by cutting off the lower part of the petiole, in which mitotic activity may have started during a prolonged treatment, after termination of this treatment, thus activating a number of higher situated and still resting epidermic cells to form a meristem.

Three parameters have been used, viz. the survival of the irradiated leaves (in percentage of the control), the production of young plants (in percentage of the control) and the mutation frequency.

Acute Irradiation

The effect of an acute irradiation with X-rays (200 rad/min administered by a Philips 250/25 deep therapy X-ray machine operating at 250 kV and 15 mA, without an extra filter) may be seen in Fig 1. Survival drops rapidly after 3-4 krad, production of plantlets is stimulated at 2 krad but decreases also rapidly towards the lethal dose (6-7 krad), whereas the mutation frequency increases almost linearly with dose.

When leaves are irradiated with lower dose

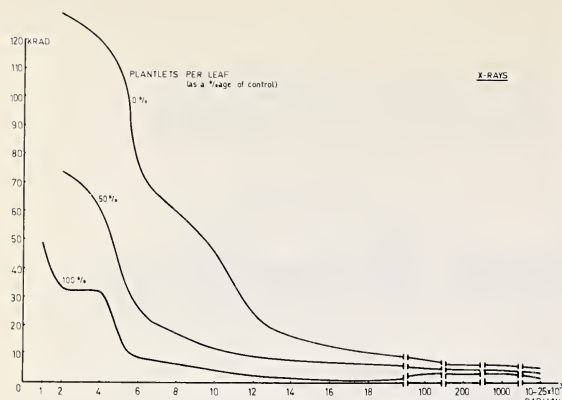


FIG. 3. Production of plantlets per leaf after lower X-ray dose-rates.

rates, the situation is completely different. With decreasing dose rate down to 10-20 rad/min there is only a slight shift towards an increasing dose to obtain for example an LD₅₀ for survival as well as for production of plantlets (Figs. 2 and 3). But at a dose rate around 5-7 rad/min a dramatic increase in total permissible dose is observed, whereas at still lower dose rates the repair mechanism of the leaves take care of the induced physiological damage and of the greater part of the genetic changes. It is impossible to reach a lethal dose since the leaves die (leaves can be kept alive in sealed plastic bags under favorable conditions not much longer than 4-6 weeks) before the (lethal) dose is reached.

The breakpoint is fairly sharp and has been calculated from other experiments (publication in preparation) as approx. 7 rad/min. Actually it turns out to be a bit lower, 5-7 rad/min. We will refer to the dose rate at this breakpoint as the critical dose rate.

The mutation-frequency curves show an identical form as compared to Figs. 2 and 3, as can be seen in Fig. 4 for a number of frequencies. This means that the mutation frequency per krad decreases with decreasing dose rate (Fig. 5.) This opens perspectives for the

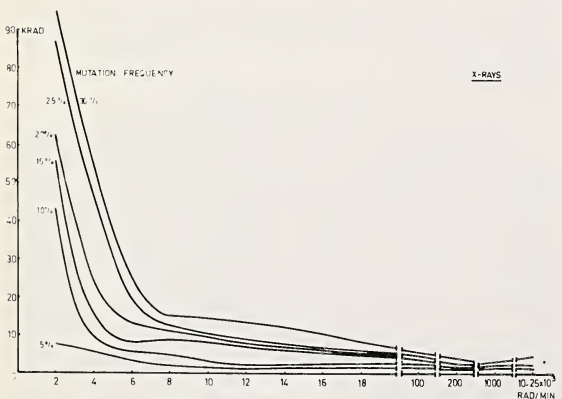


FIG. 4. Mutation frequencies at lower X-ray dose-rates.

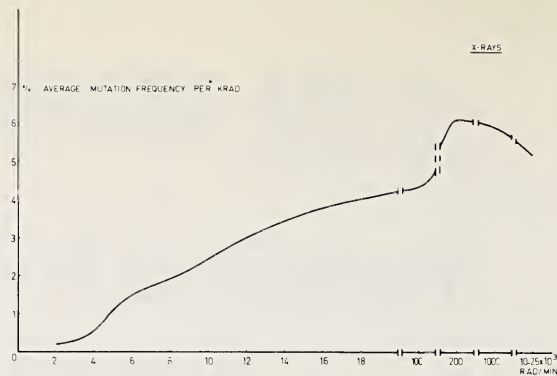


FIG. 5. Average mutation frequency per krad.

calculation of an optimal dose rate and by combining the data of Figs. 5, 2 and 3 it was possible to show that a pronounced optimal dose rate exists at 5-8 rad/min and a second, less pronounced one at 200 rad/min.

Starting with a given number of leaves, our data suggest an optimal treatment, taking only dose rate into account, at a dose rate of 5.3 rad/min and a total dose of 16.5 krad; this results in a survival of the irradiated leaves of 99%, a plantlet production of 90% and a mutation frequency of 20.5. Second best is 7.3 rad/min, again 16.5 krad total dose, 95% survival, 60% production and a mutation frequency of 30% and the third choice would be 200 rad/min with 2.8 krad total dose, resulting

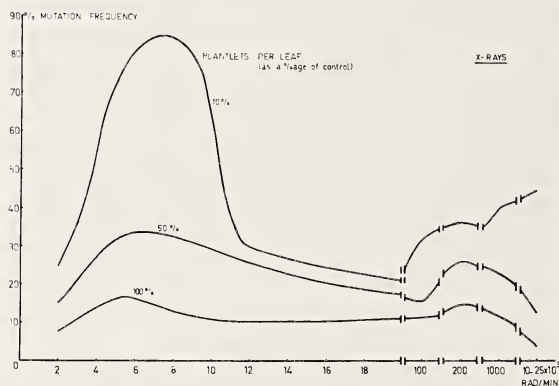


FIG. 6. Optimal X-ray dose-rates.

in 100% survival of the irradiated leaves, 90% production of plantlets and a mutation frequency of 17.5 (Fig. 6).

Fast Neutrons

Similar, although somewhat less pronounced and less clear-cut results have been obtained with fast neutrons.

Leaves were irradiated in the climate-controlled irradiation room of the BARN (Biological Agricultural Reactor Netherlands) at Wageningen. We used different powers of this reactor, 100, 50, 25, 10 and 1 kw; the fast neutron flux at 100 kw is approx. 1.1×10^8 cm²/sec (± 1000 rad/h), whereas the gamma

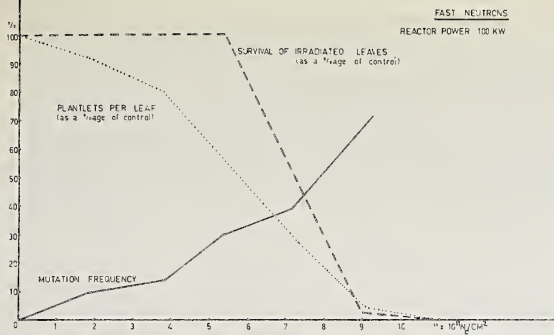


FIG. 7. Effect of irradiation with fast neutrons at 100-kw reactor power.

contamination amounts to — 100 rad/h. At a lower power the quality as well as the ratio of both radiations is unchanged; only the flux and the dose rate are decreased with the same factor as for the power.

Figure 7 shows a similar picture to Fig. 1. The differences, however, are clear: no stimulation of plantlet production at low dose, whereas the mutation frequency tends to be partly exponential.

In Fig. 8 a similar form of the curves can be seen as in Fig. 2, but the breakpoint is much less pronounced and the increase in total permissible fluence (flux times irradiation

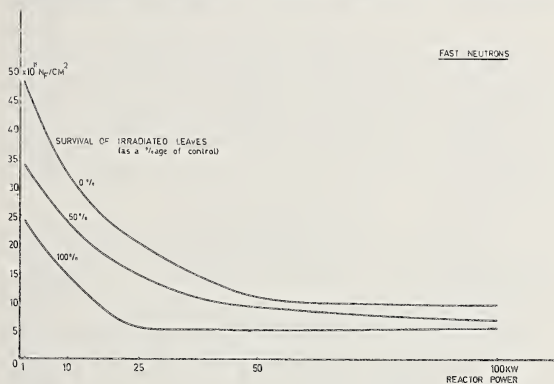


FIG. 8. Survival of irradiated leaves at lower powers.

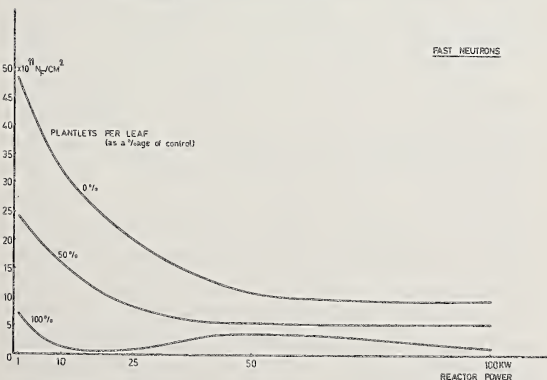


FIG. 9. Production of plantlets per leaf at lower powers.

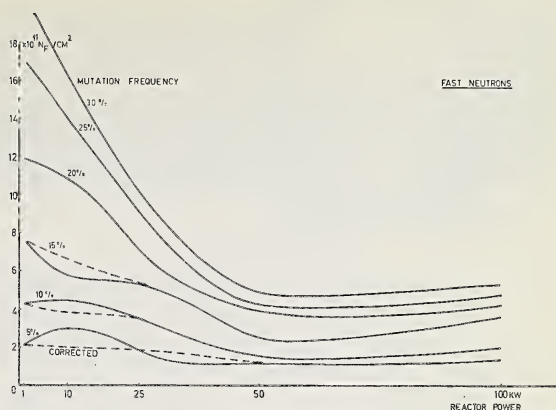


FIG. 10. Average mutation frequency per 10^{11}

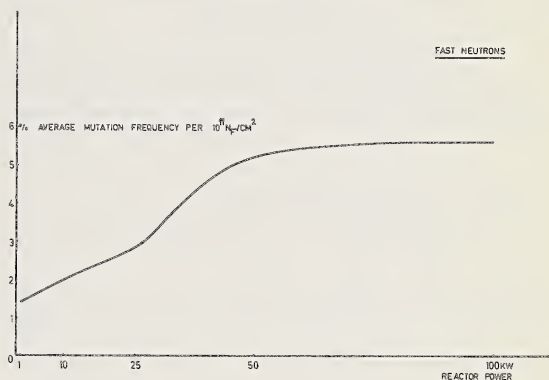


FIG. 11. Average mutation frequency per 10^{11} $n(f)/cm^2$.

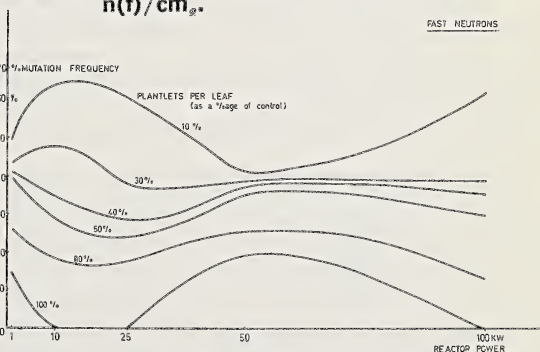


Fig. 12. Optional dose-rates for fast neutrons.

time) is less dramatic. Nevertheless the lethal dose at 1 kW is five times higher than at 100 kW. A similar situation is the case in Fig. 9, the production of young plants, comparable with Fig. 3, whereas Fig 10 is comparable to Fig. 4, although again less pronounced. Since these data suggest that part of the neutron damage is repaired, here again the possibility stays open for the determination of an optimal dose rate. When the data of Fig. 11, the average mutation frequency per $10^{11} n(f)/cm^2$, are combined with those of Figs. 9 and 10, the result is somewhat different from those with X-rays as can be seen in Fig. 12. There seems

to be a slight optimum around 50 kW if less heavy doses are applied: heavy doses (10-30% production of plantlets) show a peak at a lower power.

These data are still incomplete and need further statistical analysis.

REFERENCES

- (1) NAYLOR, E. E., JOHNSON, B., A histological study of vegetative reproduction in *Saintpaulia ionantha*, *Am. J. Bot.* 24 10 (1937) 673-78.
- (2) SPARROW, A. H. et al., The use of X-rays to induce somatic mutations in *Saintpaulia*, *African Violet Mag.* 13 4 (June 1960).

DISCUSSION

H. HESLOT: Is it possible to regenerate plantlets starting with other organs than leaf petioles? Have you tried to get callus cultures of African violet.

Is it easy to multiply African violet sexually? Do pure lines exist?

C. BROERTJES: One can propagate African violets also starting from leaf blade pieces. How many cells are involved in the formation of a plant in that case, I don't know. We have tried to grow callus cultures without success, the main trouble being the impossibility of sterilizing the tissue by chemicals, for instance, without killing the material.

African violet forms seeds and there are quite a number of breeders producing new cultivars via conventional cross-breeding methods. Pure lines of cultivars are very unlikely because of the heterozygosity of the material, unless one used a true-breeding species.

SAINTPAULIA SPECIES

(Continued from Page 16)

temperature native to some of the species I cannot duplicate. In all probability the wide temperature range prevailing in the area in which *S.goetzeana* is found, (over 100 to lows in the 40's at the elevation of 4000 to 6000 feet) is the main factor that prevents my plant from blooming. Thank goodness in our home the temperature is close to 70 plus or minus 5 degrees, so I have given up hopes of my plants of *S.goetzeana* blooming and only keep them to help to complete my collection of the species.

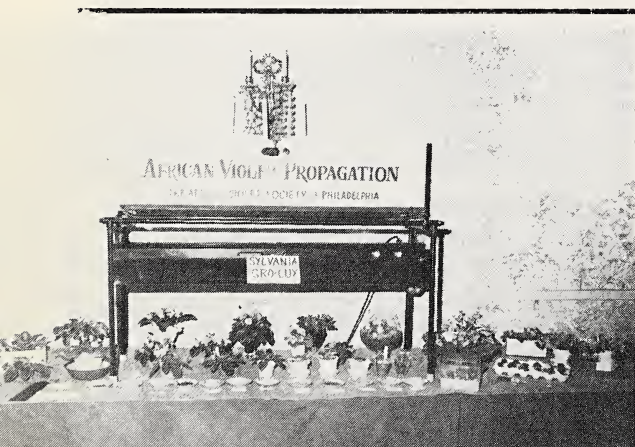
My violets are grown on a jalousied porch and in the basement. The porch is shaded by a large tree and our neighbor's house so that the light source is a combination of natural and fluorescent. The light source for the basement is fluorescent entirely. Generally speaking the results, as judged by the growth of the plants, are comparable. My soil mixture is the one published in the AV magazine, Volume 20 #4, page 16 (June '67). The plants are grown in plastic or styrafoam pots, placed in fiber glass trays or glass dishes, resting on turkey grits or a wire frame. The trays contain water to a level well below the top of the grits or wire and this helps to increase the humidity. The plants are watered from the top on a schedule worked out, taking into consideration the season of the year and the size of the pot. Ordinarily they are fertilized every other watering with a one-fourth strength solution, alternating with several of the popular commercial fertilizers.

No Authority

My plants are grown for pleasure and the methods used are based on what my experience has demonstrated works best for me. I hold myself as no authority, and except for one course in botany in high school and another course in college (Iowa State University) many, many years ago, all my knowledge of growing plants comes from experience, reading books and magazines, attending African violet and garden club meetings and talking to friends.

From my experience one fact, that has been established, is that the African violet plant, (especially the species) reflects to some degree the environmental conditions under which it was grown. Therefore two plants of the same variety often show differences when grown by different growers. Also I have observed that plants I have grown in New Jersey, then transported to my daughter's home outside Denver, Colorado, do vary in that the foliage becomes greener and the blooms darker. This I attribute to differences in elevation, less air pollution and less haze. To me this indicates that one must expect minor variations in varieties.

(To be continued)



EDUCATIONAL DISPLAY - - Here's the educational display sponsored by the AVS of Philadelphia at the Philadelphia convention show. Arranged by Mrs. William Brady of Philadelphia, the exhibit demonstrated the growth of African violets from seeds to show plants. (Photo by Joan)

REGISTRATION REPORT



*Adele Tretter, 4988 Schollmeyer Ave.
St. Louis, Mo. 63109*

The following registrations have been received during the period from May 31, 1969 through July 31, 1969.

KANSAS CITY CHIEF (1933) 5-20-69 LRG-E 359 scf L.

Donald M. Palmer, 7942 Washington St., Kansas City, Mo. 64114.

KANSAS CITY ROYAL (1934) 6-3-69 RXG-E 359 s-dc L.

Ellen M. Barber, 405 S. Colorado, Kansas City, Mo. 65124.

ANGELA KRISTINE (1935) 6-19-69 DPG-E 35 s-dc L.

JUAN TU (1936) 6-19-69 PG-E 23 sc L.

LINDA BLUE (1937) 6-19-69 B-VW-E 23 s-dc L.

MARGIE JEAN (1938) 6-19-69 R-VX 23 sc S.

TU TU (1939) 6-19-69 LOWC s L.

Ernest Fisher, 32 Downsview Ave., Downsview, Ontario, Canada.

BRENDA (1940) 6-27-69 WB-E 57 sf S.

LOUISE NOBLE (1941) 6-27-69 DP 57 d L.

MAUDE MAE (1942) 6-27-69 VOC 357 d L.

MEGAN (1943) 6-27-69 PXW-E 57 d S.

Mrs. X. R. Randall, 486 E. Lavaca, Beaumont, Texas 77705.

FUN CITY (1944) 6-27-69 WPC 5 df S.

GAY SONG (1945) 6-27-69 DB 5 df S.

JEEPERS CREEPERS (1946) 6-27-69 R-PWC 2 d S.

PINK SUNDAE (1947) 6-27-69 P 2 d S.

PRETTY IMP (1948) 6-27-69 P 2 d S.

Edward Janosick, 30 Wood Ave., Albertson, N. Y. 11507.

BETTY LITTLE (1949) 7-1-69 O 23 d S.

THELMA USINGER (1950) 7-1-69 P 23 d S.

Dates Violetry, #1 Orlando Place, Belleville, Ill. 62221.

FRATHEL'S ALLURING (1951) 7-5-69 OV-E 3479 d L.

HAND PICKED (1952) 7-5-69 PRC 47 d S.

Frathe's Originations, 252 Clay Ave., Rochester, N. Y.

BLUZETTE (1953) 7-9-69 B 35 d S.

EYEFUL (1954) 7-9-69 DP 38 d S.

NEW SNOW (1955) 7-9-69 WGC 38 d S.

PHILLY (1956) 7-9-69 DP 38 d S-M.

SOFTIQUE (1957) 7-9-69 LP 358 d S.

Richter's Greenhouse, 9529 Indianapolis Blvd., Highland, Indiana.

GOLD COAST (1958) 7-10-69 PG-E 5 d S.

LILAC BOUQUET (1959) 7-10-69 O 2 d S.

PAEIS PINK (1960) 7-10-69 DP 5 df S.

PEACH TIPS (1961) 7-10-69 PX 2 d S.

RAGE (1962) 7-10-69 R 2 d L.

Victor Constantinov, 3321 21st St., San Francisco, Calif., 94110.

BLUE EXCITEMENT (1963) 7-15-69 MB 239 d L.

Clarence Wilson, 9057 Oak St., Bellflower, Calif. 90706.

"LOS ANGELES" (1964) 7-15-69 P 59 d S.

SUPREMACY (1965) 7-15-69 P 579 d L.

Mrs. Clarissa M. Harris, 1222 Second Place, Calimesa, Calif. 92320.

PUNCH (1966) 7-18-69 OX 59 s S-M.

Della Bledsoe, Box 158-B, Parker, Colorado.

TOUCH OF SPRING (1967) 7-23-69 WG-E 359 df S.

Mrs. Hugo Juline, 1825 Wilstone Ave., Leucadia, Calif.

BURGANDY WASP (1968) 7-26-69 R-V X 2 sf S.

CALICO WASP (1969) 7-26-69 L-OPC 3 s S.

EVAGENE (1970) 7-26-69 DO-P 23 d S.

FIRST RECITAL (1971) 7-26-69 O-BW-E 345 sf N.

INTENSIFIED PRIDE (1972) 7-26-69 R-P 39 s S.

KANELAND BEAUTY (1973) 7-26-69 BWC 5 sc S.

NANCY ANN (1974) 7-26-69 L-B 2 s M.

PINK PROLIFFITY (1975) 7-26-69 L-PX 23 d S.

ROYAL MOUNTBATTAN (1976) 7-26-69 B-V 358 d S.

Dates Violetry, #1 Orlando Place, Belleville, Illinois 62221.

RESERVATIONS

The following reservations have been received during the same period as above CHITY-CHITY BANG BANG—KRAMER'S CLEAR HORIZON—KRAMER'S PETTI POINT.

Reserved by Bob Kramer.

MELINDA — MARK 2

Reserved by Della Bledsoe

GENTLE BEN

Reserved by Kate Elmore.

CHANGE MADE

The following change was made—SCULPTURED CHARM—ECLIPSE—LIBERTY BELL

—NATURAL BLUSH—PEEK OF BLUE. These reservations will all carry the name of Kramer's as a prefix.

RELEASED FOR USE

STAR FAIRY.

Do You Really Love Violets?

Mrs. William J. Krogman
AVSA Membership & Promotion Chairman
 1325 Parkway Drive
 Brookfield, Wis. 53005

If you do, you will feel obligated to help others as the African Violet Society of America has helped you. You would not have this fascinating and rewarding hobby but for the advances that were made through AVSA.

Ask yourself these questions:

- 1) Are you helping to promote African violets?.....
- 2) Are you obtaining members for AVSA?
- 3) Are you learning all you can about growing beautiful A.Vs.?
- 4) Do you have your AVSA magazines where others can see them?.....
- 5) Do you tell them how interesting and helpful it is?.....
- 6) Do you encourage them to become members of AVSA?.....
- 7) Are you an ACTIVE member or leader of a local A.V. Club?.....
- 8) Have you helped to get more active members for your club?.....
- 9) Have you encouraged or helped to organize a new club?.....
- 10) Have you shown MORE violets and MORE magazines to MORE people in MORE public places MORE often?.....

If all your answers are "Yes", you are indeed a 100% member and an asset to your community and to the African Violet Society of America. I will be happy to hear from you.

CHRISTMAS PRESENTS

Have you considered giving a year's subscription to the African Violet Society as a Christmas gift to your friends? A \$6 membership in AVSA and the magazine is not a very large amount by today's standards and such a gift will bring untold pleasure to the recipient.

Wear AVS Jewelry

Select your official AVSA jewelry items and wear them with pride. The items listed— $\frac{5}{8}$ " diameter—are the official emblem of the African Violet Society of America. You can wear one with pride—anytime—anywhere to show that YOU are a member of the finest plant society in the world. The violet petals are a beautiful bronzy purple with a gold center—all outlined in metal. Around the violet is a circle of metal with raised letters A.V.S.A. Each pin has a safety catch and also a link for attaching a guard chain.

Pins with guard chain and gavel are for presidents or past-presidents of African Violet Clubs—as are charms or tie tacks (also used as lapel buttons) which have the gavels soldered to the bottom of the emblem.

These emblems are the same that AVSA has always used. The enamel is brighter, the silver and gold brighter—AND the prices lower.

Order several items NOW—for yourself or for gifts—from the African Violet Society of America, P. O. Box 1326, Knoxville, Tenn. 37901.

Here are the prices:

STERLING SILVER

Pin	\$ 3.50
Pin/gavel (for President)	5.50
Charm	3.50
Charm/gavel (for President)	5.50
Tie Tack	3.50
Tie Tack/gavel (for President)	5.50
Earrings/Pair	7.00
Bracelet	4.00
Bracelet/charm	7.50
Gavel/chain	2.00
Judges' Charm	2.50
Judges' Charm/disc	5.50
Judges' Guard Pin	2.50

10K GOLD FILLED

Pin	\$ 3.50
Pin/gavel (for President)	5.50
Charms	3.50
Charm/gavel	5.50
Tie Tack	3.50
Tie Tack/gavel (for President)	5.50
Earrings Pair	7.00
Bracelet	4.00
Judges' Charm	2.50
Judges' Charm/disc	5.50
Judges' Guard Pins	2.50

14K GOLD

Pin	\$10.00
Pin/gavel (for President)	14.00
Charm	10.00
Charm/gavel (for President)	14.00
Earrings/Pair	20.00
Life Member Pins	15.00
L-M-Tie Tack	15.00

NICKEL; RHODIUM PLATED

Pin	2.50
Charm	2.50
Tie Tack	2.50
Tie Bar	3.50
Earrings/Pair	5.00

Report Officers; Pay Your Dues!

With many elections held from September through December, it is timely to remind you folks that included with your charter was a form to report your new officers, addresses, membership, AVSA membership, time of election and installation. This IS important to this committee's work. Please report promptly EACH YEAR unless you so state that election is for two or more years. Your cooperation saves this committee both time and postage. Thank you.

You have received—or will shortly—a card inviting you to pay dues early. This is done to relieve the avalanche of work in the Knoxville office and for this committee in New Jersey. I am grateful for the many who cooperate in this way. Upon payment of dues for the 3/1/70 to 3/1/71 period, the charter and affiliation letter will be mailed promptly to the president. And don't forget the increase in dues.

New Members?

IS IT DIFFICULT TO OBTAIN NEW MEMBERS? NO, not really!! If you want more information, send a large self addressed stamped envelope for suggestions.

For some time I have looked forward to having our first chapter formed in Hawaii and/or Vermont. I hope to hear from some of the African violeteers from those regions. If I can be of help, WRITE!!

Affiliated organizations are listed elsewhere in this magazine. When there is no president given, the up-to-date information was not sent by the July 15th deadline. Participate by sending data on time. This is especially urgent for all groups having elections in June. I regret even one solitary omission. I KNOW you will do better next year.

Enter Yearbooks

All affiliates are urged to participate in the yearbook competition in the convention show. Yearbooks are merit judged for ribbon awards and the three books judged best will receive cash awards. All entries will be on display at convention where everyone will have an opportunity to examine them for new ideas.

After convention, yearbooks are compiled in packets which are available from the AVSA library. These packets, each containing approximately fourteen yearbooks, are an excellent source of inspiration for program chairmen.

By Lizeta Hamilton
675 Soldier Hill Road
Oradell, New Jersey 07649



To enter this contest send your yearbook to Mrs. W. F. Anderson, 360 Tulip Drive, St. Louis, Missouri 63119. Your participation and contribution to the AVSA library will be appreciated.

NEW CHAPTERS

THE GATEWAY AFRICAN VIOLET CLUB OF FRAMINGHAM, Mrs. John Montecalvo, President, 99 Arlington Street, Framingham, Massachusetts 01701.

VIOLETS ANONYMOUS, Mr. Thomas Lee Caskey, President, 905 Dafney Drive, Lafayette, Louisiana 70501.

CLIFTON AFRICAN VIOLET SOCIETY, Mrs. Martin Progebin, President, Williamsburg South 16, 805 Grove Street, Clifton, New Jersey 07013.

THANKS EXPRESSED

Doris F. Tucker of Caruthers, Calif., expresses her thanks to Wm. A. Gates of Baton Rouge, La., for his article on roach control with phosphorous paste. She writes:

"I had just used a whole container of the newest powder on the market for the control of roaches without effect when I read Mr. Gates article. By the third night, about the only roach I saw was a dead one, after starting Mr. Gates' remedy.

"There is only one trouble in this vicinity; all of the phosphorous paste has been taken from the shelves as being too dangerous to be sold. I did manage to find one place that knew me that had two tubes under the counter in a back room. He was willing to share one tube of this phosphorous paste with me.

"The result is marvelous and unbelievable. There are only two things I might add to what Mr. Gates wrote. One is, I used an old popsicle stick for application and burned it up. Secondly, I used an empty cheese shaker container by punching out both ends. In this cheese cylinder I found the result even quicker than the bathroom cylinder or the empty towel roll cut in pieces."

MASTER LIST

The Master List of African Violets—Vol II will be available by Jan. 15, 1970. This is a list of all registered varieties of African violets since 1963. Pre-publication price (Before Jan. 15, 1970) is \$3.00. After Jan. 15 price is \$3.50. (For more details see AVS magazine June 1969 pg. 12).



AFRICAN VIOLETS IN EUROPE - - Here are pictures of the Holtkamp African Violet Nursery in Isselburg, Germany, taken by Erica-Brunner-Klingenspor, a certified Swiss gardener. Top left is Herr Herman Holtkamp with one of his flowering "Rhapsodies" and lower left he is shown with two of his sons, who assist him at the nursery. Top center resembles a pink violet meadow and top right is the greenhouse, reserved for selection-control of new African violets. Lower center shows AV cuttings in white styropor case, and in lower right 28 flowers are shown on one stalk!

African Violets in Europe!

*By Erica Brunner-Klingenspor
CH 8360 Eschlikon — Wallenwill TG
Switzerland*

(On the cover page of the Sept. 1968 magazine was a photo of a "Rhapsodie" violet. This article, written a year later, tells of a certified Swiss gardener's visit to the Holtkamp Nurseries in Germany)

Herman Holtkamp, father of the Rhapsodie African violet began to be interested in African violets in 1948. From a small hobby—the corner of his greenhouse in his garden in Isselburg, Germany, only a few miles from the Holland border—came the special large garden of 10,000 square meters of high glass in less than two decades. At a German horticulture exhibit in Essen, the first Saintpaulia variety by Holtkamp is preserved.

His first gold medal came in 1952. Since then there has been no end to his successful series. The latest and certainly not the last—came from this year's huge flower show, Euroflor, in Dortmund in which American lilies

and orchid growers exhibited.

The visitor to Holtkamp's huge nursery finds many amazing things. Blooming AV's are in a greenhouse which is actually the workshop of the breeder. The other modern, fully automatic greenhouses are for the extensive technical and rational leaf rooting and raising of young plants. A specialist in this work gathers leaves from highly select mother-plants with practiced eyes and hands and places them in a mobile rack for propagation.

Breaks Slips

These workers are joined by other workers who break slips with a 1 cm. ($\frac{1}{2}$ dean) long stem, because broken stems grow better and fast callous than cut ones. The slips are stuck close together (up to 900 per square meter) in styrene (because it holds warmth well). Holtkamp developed the substratum

(Continued on Page 31)

Lyndon Lyon Begins Duties As Head of Research Group



*Mrs. Paul O. Gillespie, Sr.
5201 St. Elmo Avenue
Chattanooga, Tenn. 37409*

Under the direction of Lyndon Lyon, well known African violet grower and hybridizer, research work on various African violet problems, pests and diseases continues. Mr. Lyon was named research chairman at the Philadelphia convention. His knowledge of African violets and their needs will be a great factor in determining the kind of research to be carried on this year.

We are grateful to the following for their contributions to the Boyce Edens Research Fund:

AVS of Winnipeg, Manitoba, Canada	\$ 25.00
First AVS of Oshtabula, Ohio	5.00
Richmond, Va. AVS	10.00
In memory of Mrs. Mary E. Abel from Mrs. R. E. Caye, Windsor, Conn.	5.00
In lieu of speaker's fee to Mr. Shotwell by the Bergen County AVS Hackensack, N. J.	10.00
Alamo AVS, San Antonio, Texas	20.00
AVS of Springfield, Pa. in lieu of speaker's fee to Miss Czarina Hall	10.00
AVS of Albany, N. Y.	50.00
AVS of Columbus, Ohio	5.00
Nutmeg State AVS, Derby, Conn. in memory of Mr. Timothy Crouch	10.00
Windsor AVS, West Hartford, Conn.	20.00
From Mrs. Elisa Frew to Santa Monica Bay AVS from her plant sale	19.04
Longview AVS of Washington	5.00
Inglewood AVS of Calif. to Helen & Joan Van Zele in lieu of speaker's fee	10.00
Long Beach AVS of Greater N. Y.	25.00
New Albany AVS of Ind.	5.00
South Fla. Opalocka, Fla. from plants donated by Mrs. VanEck	20.00
Union County Chapter AVS, Westfield, N. J.	10.00
Pomona Valley AVS, El Monte, Calif. in memory of Mrs. Marion Frazier	5.00
First AVS of Wichita Falls, Texas	5.00
AVS of Alexandria, La	5.00
LaViolette Club, Monroe, La	5.00
Donation by Mr. & Mrs. Henry K. LaBadie, AVS of Phila., for an award at the 1969 Convention for	

Class 19 plants. No plants qualified	10.00
Santa Monica AVS in memory of Mrs. Wm D. Murdock	\$ 5.00
Rocky Mountain AVS in memory of Mr. George Harling	5.00
Donation by Mrs. Myrtle Kimroy in memory of Mrs. Eva Roberts	5.00
Donation by Baltimore AVS in memory of Mrs. Eva Roberts	7.50
Lehigh Valley AVS, Nazareth, Pa.	20.00
Des Moines African Violet Club #1 memorial to Miss Hila-Mae Weeks	10.00
Cinderella AVS., St. Louis, Mo	5.00
Nightshade AVS or St. Louis	10.00

Burton Leaves Chairmanship

Frank Burton has resigned as chairman of the Publications committee because of the pressure of business, but he will still remain a committee member.

President Frank Tinari in accepting Mr. Burton's resignation said:

"I am indeed sorry to accept your resignation. However, under constant business pressure myself, I can well understand your position. Frank, you have served the Society long and well, giving most generously of your time and talent during some of our most difficult years and I want to express my heartfelt thanks in behalf of the Society as well as my own personal thanks."

Mrs. W. F. Anderson, immediate past AVSA president, has been appointed Mr. Burton's successor.

THAT CHRISTMAS GIFT!

Christmas is coming! A glance at the calendar will tell you it will be here before you realize it. And what about those gifts?

What about a subscription to The African Violet Magazine?

For friends who have just heard of African violets, the magazine will further their interest.

For friends who already raise African violets but are not members of AVSA, a membership is the perfect gift.

CUMULATIVE INDEX

A Cumulative Index of the African Violet Magazine covering the issues from September 1957 through September 1968 has just been published and is available at the price of \$1.25. (For more details see AVS magazine — June '69 pg. 44).

SINGLES ARE INDIVIDUALS

Photos by
Frank Burton



The color, shape, texture and other characteristics give them a personality which doubles cannot display as effectively. Sure, they drop their pretty blossoms but they produce lots of them. Every collection should have some happy smiling singles among their more durable double cousins.

Star Points

Seedling

Yankee Moonbeam

Dazzling

Seedling

Seedling

Bulls Eye

Sport of Hilarity

Saint Paulia
Diplotricha

Maisie
Yakie

Yerba
Buena

Blue Boy

A Blaze

Mine

Pink Feathers

Snows of
Kilimanjaro



TEXAS BLUE TREASURE



MR. GUS

Violets IN TEXAS

Mrs. Harry G. Cook,
Beaumont, Texas

KIM

GROWING SHOW PLANTS

By Mrs. H. G. Cook
1505 Corley
Beaumont, Texas 77701

At a club meeting, our program chairman, Mrs. D. D. Brenning, asked each member to grow a plant for show using the method given by Mrs. Harvey Hill in Anne Tinari's "Question Box." This method appeared in the *African Violet Magazine* in the March, June, September, and December issues in 1964.

I thought if I were going to grow one, why not several. I wanted to try out some of my own hybrids, anyway. I used the following plants: "Linda Star," "Pauline," "Raspberry Fluff," "Purple Popcorn," "Texas Pride," "Tommie Lou," and "Cousin Janet." All were high scoring plants from 90 to 98 in the show. I won eight out of 11 top awards with them.

Our show was to be in the spring time. It takes at least one year or more to grow large show plants so during the month of April, I took these plants from 2½" pots. (Only good rooted plants should be used.) I potted them into 4" pots using Stim-u-plant soil mixed with Terri Lite and Sponge Rok (6 cups soil—1 cup Terri-Lite—1 cup Sponge-Rok.) Then I placed them in a dish with damp gravel under the pot. They should be kept under one cool white light and one gro-lux light 10 hours daily the first 3 months. Feed every two weeks with Atlas Fish Emulsion (1 tsp. to 1 qt. warm water from top). Keep all buds and suckers removed. This period is to build a strong root system. Your plant is to build a strong root system.

It's July 18th now. Time to repot again into 5" pots (if your plant has grown as it should.) Drench with VC-13 (1 tsp. to 1 gal. warm water for 4 or 5 months). Continue to keep all buds and suckers removed. Stake and shape your leaves. Continue the feeding every two weeks of Atlas Fish Emulsion. It is an efficient source of complete plant food. Lights are used 12 hours daily now. Mist your plants if you can find time. They love it. Keep out of drafts but give them fresh air daily.

Now it's October 18 and time for your last potting; this time into 6" pots. I use plastic because otherwise the clay dries out too much where there is air conditioning. By now the plants are strong, sturdy and lovely. I know you are tempted to let them bloom but DON'T. It will pay you to wait. Pot in the 6" pots with some gravel in the bottom of the pot for extra drainage. Put lower than usual so you can re-

move some leaves if needed at the last. Feed ½ strength with each watering now. The large plants need it to continue until maturity. VC again in this period. The plants need leaf support now until show time. I find large aluminum pie pans and pizza pans perfect for this. Give your plants plenty of room to spread and if you can, set the dishes on damp gravel for extra humidity.

In December it will be time to increase your light to 16 hours daily. If your show is 90 or 100 days away, as ours was, you can let them start to bud. How pleased you will be at show time with the large 24" or more lovely plants, with masses of bloom, and all the awards you will win at your show!

I am convinced that if we let our plants get a good root growth at all times before blooming we will have better plants.

Happy Growing.

Club Organized In Corpus Christi

Organizing an African violet Society in Corpus Christi, Texas, a city with a population of 200,000 was a task undertaken by Mrs. C. Edwin Briggs, who said she found many persons interested in that direction but all admitting, "I'm a follower, not a leader."

So she decided to do something about it. She wrote Mrs. W. F. Anderson, the president, whose reply was that Mr. Ray Lange, a former president of the St. Louis Nightshade Club was moving to Corpus Christi and was disappointed there was no AVS nearer than San Antonio.

"That was a case of mental telepathy indeed—not just a coincidence," Mrs. Briggs says.

Upon his arrival in Corpus Christi, Mr. Lange was contacted by Mrs. Briggs, who cared for his 60 violets until he got settled in his new home.

When a number of persons were contacted, a meeting was called at Mrs. Briggs' home. Nine were present, all working people. A name was selected, a meeting night decided upon, and a committee named to draw up bylaws. The Corpus Christi AVS was well on its way. The membership was restricted to 18 because meetings were to be held in the homes.

Now a day group, the Gulf Breeze Society, has been organized; and interest is being manifested in a third group; in addition to a school for judges to be conducted by Charles Day of San Antonio this month.



1969 BEST VARIETIES



*Mrs. Ross V. Lahr
Best Varieties Compiler
3559 E. Easter Ave.
Littleton, Colorado 80120*

The 1969 Best Varieties List represents the choices of 1012 individuals. For the first time, due to popular demand, and with AVSA board approval, Honor Roll plants are included.

No. of votes rec'd	Variety	Reg. No.	Hybridizer
432	Tommie Lou 1744	Oden	
306	Peak of Pink 1467	Lyon	
289	Lilian Jarrett 1060	Tinari (H.R. '65)	
251	Delft Imperial 1326	Granger Gardens (H.R. '67)	
244	Magnifica 1643	Lyon	
242	Lullaby 1783	Granger Gardens	
207	Strawberry Shortcake 1509	Taylor	
204	Master Blue 1465	Lyon	
198	Candy Lips 1461	Lyon	
177	Autumn Russet 1777	Granger Gardens	
175	Jolly Giant 1549	Lyon	
174	Alakazam 1723	Lyon	
166	Richter's Wedgewood 1140	Richter (H.R. '64)	
158	Wrangler 1731	Lyon	
157	Happy Time 1866	Lyon	
154	Ruby	Lyon	
150	Henny Backus 1725	Lyon	
149	Hello Dolly 1641	Lyon	
146	Double Black Cherry 1178	Omaha AVC (H.R. '62)	
145	Granger Garden's Snow Ballet 1219	Granger Gardens (H.R. '66)	
137	Granger Garden's Shag 1087	Granger Gardens (H.R. '64)	
136	Richter's Charm Song 1137	Richter (H.R. '65)	
132	Bloomin' Fool 1473	Richter (H.R. '66)	
129	Clipper 1724	Lyon	
114	Coon Valley 955	Wilson (H.R. '64)	
112	Granger Garden's Sweetheart Blue 1125	Granger Gardens (H.R. '67)	
111	White Madonna 670	Granger Gardens (H.R. '55-60)	
110	White Perfection 1471	Lyon (H.R. '68)	
102	Christmas Holly Reed	(H.R. '68)	
102	Red Cavalier	Lyon	
100	Cochise	Lyon	
96	Dominion Rose 1780	Granger Gardens	
92	Prom Queen 1533	Granger Gardens	
91	Crown of Red 1462	Lyon	
90	Icy Peach 1642	Lyon	
83	Granger Garden's Angela 1210	Granger Gardens (H.R. '66)	
82	Canadian Centennial 1649	Lyon	
82	Purple Choice	Lyon	
80	Silver Crest 1161	Champion (H.R. '68)	
80	White Pride 872	Ulery (H.R. '61)	
78	Cousin Janet 1547	Lyon	
78	Richter's Snowberry 1722	Richter	
77	Champion's Water Lily 1289	Champion (H.R. '68)	
77	Charmglow 1799	Granger Gardens	
77	Red Honey 1551	Lyon	
76	Plum Tip 1468	Lyon	
70	Janny 1527	Granger Gardens	
69	Buster	Lyon	
69	Richter's Cranberry 1719	Richter	
68	Fire and Ice	Granger Gardens	
67	White Pride Supreme 869	Ulery (H.R. '61)	
66	Black Magic 32	Granger Gardens (H.R. '55-60)	
66	Tinted Frills	Lyon	
64	Blue Chips 1340	Naomi (H.R. '66)	
63	Chanticleer 1386	Granger Gardens	
62	Blackfoot	Richter	
61	Richter's Red Crown 1180	Richter (H.R. '66)	
60	Chateaugay 1416	Lanigan	
60	Rosekin	Lyon	
59	Leawalla	Lyon	
59	My Darling Luciano		
57	Emperor 1507	Taylor	
57	Pink Jester 1598	Granger Gardens	
56	Pied Piper	Granger Gardens	
55	Pizzaz 1645	Lyon	
53	Paul Bunyan	Lyon (H.R. '67)	
53	Richter's Pearly Shells 1607	Richter	
51	Coral Reef 1692	Tinari	
51	Fandango 1782	Granger Gardens (H.R. '66)	
50	Full Stop	Lyon	
50	Granger Garden's Top Sail 1212	Granger Gardens (H.R. '67)	
50	Royal Indigo	Lyon	

Pictorial Story of Propagation

Here's a pictorial story of growing African violets.

Leila Egenites of Analee's Violetry, who specializes in miniatures, uses these steps in propagating African violets. One of her favorites is "Wee Willie Winkle."

The pictures were made from color slides, which Miss Egenites showed at the Philadelphia convention workshop, "How to Grow African Violets." Of course, her illustrated talk dealt with "Miniatures."

Take a look at these steos:



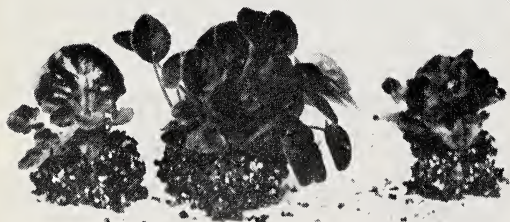
Starting a leaf in vermiculite and plastic bag to provide humidity.



Removing plantlets from propagated leaf. Remove only those with at least 2 rows of leaves.



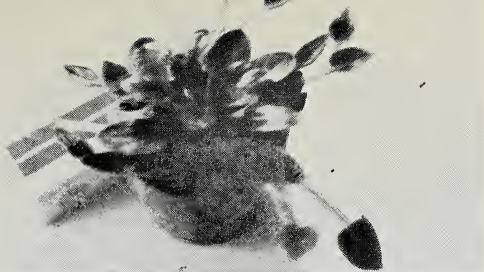
Small plantlets remain on propagated leaf which is replanted to further develop the plantlets.



Clumps ready for separation. Center clump is of standard growing variety as contrast size of miniature clumps on either side.



Example of long petioles created by insufficient light.



With sufficient light plant flattens out new growth has short petioles creating a miniature. Leaves with long petioles should be removed.



Leaves removed creates neck on the plant.



Root ball is trimmed so that plant will fit a $2\frac{1}{4}$ - $2\frac{1}{2}$ inch pot with bottom row of leaves at level of the rim of pot. New roots will grow out of neck of plant.



Repotted plant, soil filled in up to bottom row of leaves as contrasted to plant before grooming and repotting.



Picture of "Wee Willie Winkie"

AFRICAN VIOLETS IN EUROPE

(Continued from Page 24)

HUZ especially for AVs.

For slips and young plants a machine-mixed soil of three cubic inches of white peat with six kilograms of calcium carbonate and a sack of HUZ is made. The slip propagation runs throughout the year. In the daylight-poor winter, light bulbs (60 watts per sq. meter) furnish supplementary light from 5 to 8:30 p.m. for the swiftly rooting slips. Every 110 rooted slips are packed into a styrene case and are ready to be sold in a short time. Because the cases and the greenhouse tables are adjusted to a great degree with centimeter exactness, one finds in a greenhouse, with 40 tables, 20,000 young plants, 75 per cent being allotted to blue, 20 per cent to pink and 5 per cent to other varieties of colors. The yearly production is more than six million young plants.

In St. Louis

And they are beautiful plants — a bouquet of flowers over the healthy, dark green leaf cover. Seven of these varieties were introduced at the St. Louis AVSA convention. All of these have been patented. Importers of the Rhapsodie African violets include Switzerland, Holland, France, the United States, Austria, Italy, England, Scandinavia, Israel, Belgium, Luxembourg and Poland.

The plants' journey to America is the same as elsewhere. In Isselburg, the unrooted slips in nylon net are placed in styrene boxes; and from the airport there they reach the United States in two days. Before their release to the nursery in the States the nylon nets with the slips are dipped in a disinfecting solution by an authorized government plant official. Soluble excesses flow quickly thru the mesh. They can be placed in soil within two or three days.

When you buy, buy the best. Select from items advertised in the African Violet Magazine.



Hooki, the sleeve seam ripper



CYNTHIA
By Tinari Greenhouses



LYNN
By Max Maas

Pictures by Joan.



BLUE FALCON
By Lyndon Lyon

IT'S GROOVY!

*By Helen Van Zele
P. O. Box 843
Lemon Grove, Cal. 92045*

And it is. "Groovy" is a cute little miniature of Dorothy Parker's, Yucaipa, California, with modified girl leaves and very double powder blue flowers. Each bloom looks like a perfect little rose.

It's groovy, too, having a companionable baby hawk tugging at the seam of one's sleeve when typing. Hooki, so named because of the shape of his beak, came staggering on weak little legs up the driveway three weeks ago, flapping his wings and shrieking at the top of his voice. It didn't seem possible that anything that small could make such a racket. I rushed to pick up the little drop-out (from our palm tree) and he was a bundle of sound and fury—all three inches of him—snapping beak, beating wings, and angry cries. Bread and milk soothed him and he settled down quite happily in a shoe box. Since then he has become one of the family; handsome feathers have replaced the baby fuzz and although he perches on the shutters in the breakfast room looking out of the window, planning his future flight pattern no doubt, he seems in no hurry to go. Because of his voracious appetite and the decibels of sound that he emits when hungry, I suspect he didn't just fall; I think his mother pushed him! Neva Anderson who has nine Bird books on her shelf advises grasshoppers rather than his present diet of raw liver and ground beef to prepare him for the time when he must shift for himself. Grasshoppers have an annoying way of not wanting to be caught but I have tried, only to have Hooki display his complete disagreement with books and advice by picking up each insect and dropping it to the floor. I expect the time will come when he



PING PONG
By Lyndon Lyon

But What About Christmas Gifts? . . .

will remember that he is a bird and take to the trees but I don't want to even think of that! Anyone have any ideas as to what to do with a people-loving hawk?

Which reminds me—at Philadelphia there was a beautiful plant called "Blue Falcon"; a medium blue semi-double with quilted foliage and it was on Lyndon Lyon's table.

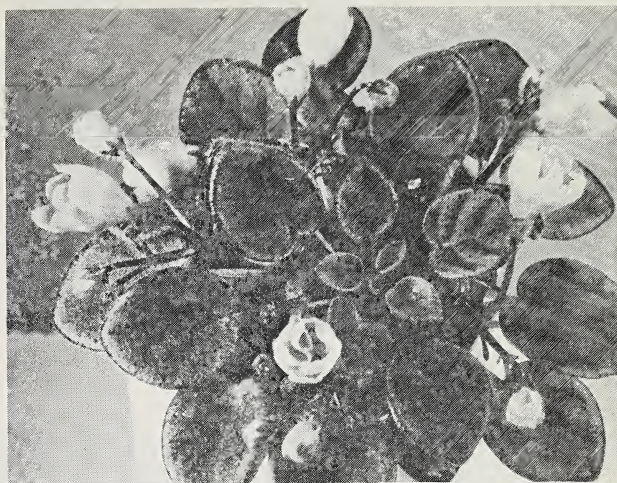
Frank and Anne Tinari are proud of the new Tinari hybridization—Frank, Jr. and Dee's, that is—"Jennifer Ann"; a dolly if there ever was one—pink and white with her grandmother's black eyes and hair, I'd send for six "Jennifer Anns" if I could but I will have to be content with "Cynthia." It is a lovely rose pink double with dark heart shaped leaves—a real Show plant.

Mr. Max Maas who has a talent for hybridizing plants with lots of bloom gives us "Lynn." The plant pictured is only six months old, still in a 2½ inch pot but has many large pink double blossoms. The foliage is very dark and slightly quilted. "Lynn," "Agnew", (white) and other new Maas varieties may be obtained from Gaelic Gardens, 431 A. Edgar Road, Westfield, N. J. 07090.

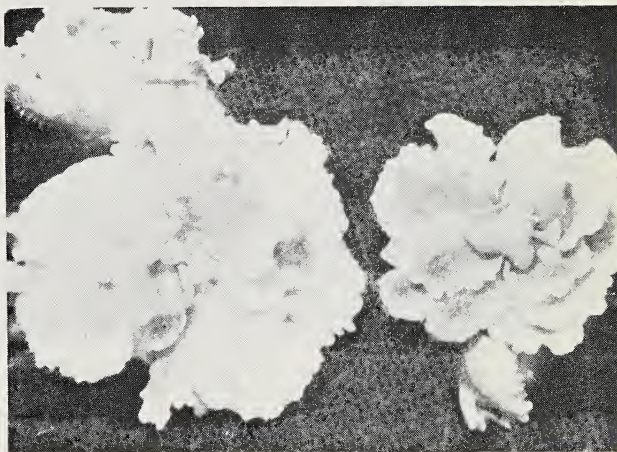
Miniature lovers, be sure to add "Ping Pong" to your collection. It wears itself out producing double white blossoms. "Pink Bud," also a miniature is a cute one. The flowers are cupped and stay closed for a long, long time. Both are Lyndon Lyon's.

Violet Frathel has "Rustling Petticoats"—in her nursery, that is. This is really a beautiful plant; the double flowers are pink with a wide band of white and the girl type foliage has deeply cut edges.

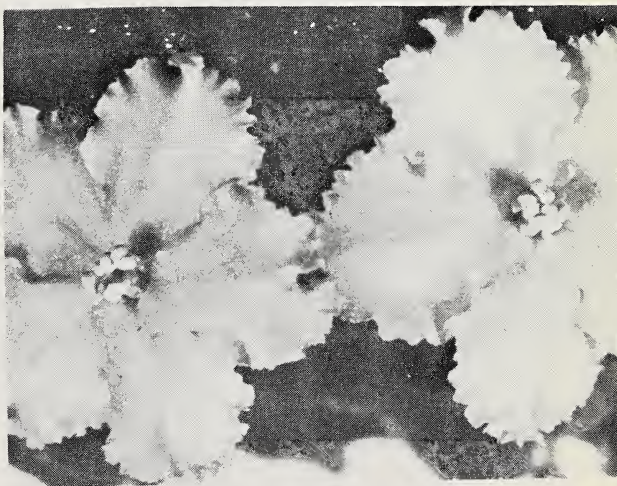
Fischer's "Frill Star" needs no description except as to color—for the name tells it as it



PINK BUD
By Lyndon Lyon



RUSTLING PETTICOATS
By Violet Frathel



FRILL STAR
Fischer's Greenhouses

is—very frilly star blossoms in hot pink.

A Christmas gift to the Friend who has



PEEK-A-BLUE
By Bob Kramer



WILL-O-THE-WASP
By Dates Violetry

everything — everything but “Jingle Bells,” that is — send it. It is a Richter’s and a beauty. The color is such a deep rose that it is almost red and the foliage is rippled.

Bob Kramer’s “Peek-a-Blue” is a charmer; the medium blue white edged flowers grow high over dark quilted foliage.

My “Avant Gardener”, which twice monthly gives me oddments of horticultural information says that the University of Minnesota, going on the theory that it takes a bug to catch a bug, has released 20,000 wasps in the hope that they will eradicate an insect which is doing great harm in that area. So all of you people in St Paul don’t leave any mud lying around loose or you’ll have a adobe wasp houses here, there, and everywhere. Better to have a benign one in your house—Dates’ “Will-o-the-Wisp,” that is. It is most unusual shaped violet—single and as Mr. and Mrs. Dates say themselves, “wasp shaped” in deep rose.

Come December what better gift than the African Violet Magazine—or a groovy, fine feathered drop-out?

Tiny Ones Can Be Taught to Love Violets

How young need a child be to become interested in African violets?

Mrs. Davis Sholtey of Bear Lake, Mich., has her own ideas about this question.

Mrs. Sholtey is a young housewife, who spends a lot of “fun time” with her violets grown under artificial lights. In her community she found few persons interested in African violets and those who were only interested in pretty pinks or blues—not in named varieties.

“And no one my age interested at all!” she said.

“One day it dawned on me how many flowers my 3½-year-old son, Preston, was bringing in to me because he knows how I love flowers. Sometimes it was a pretty weed, and more often my mother-in-law’s petunias. It was then I decided to teach him a little about my violets, since he was always asking questions, especially ‘Why do you like flowers, Mommy?’”

Teaching Method

Mrs. Sholtey related what happened.

“I cut a leaf from a plant,” she said. “I was sure he would enjoy the name of ‘Jolly Giant Sport.’ It rooted in two weeks. Then one night after dinner I had Preston cut a leaf from the same plant and mark with a piece of paper the plant’s name. (Of course, it was just a bunch of curlycues but it sufficed). He remained very serious about the whole operation. We attached the name tag to the leaf with a piece of tape.

“Knowing, however that a three-year-old boy could hardly be expected to wait two weeks and retain his interest, I switched his little tag to the leaf I had rooted two weeks earlier.

“To his complete surprise the next morning ‘his’ leaf was rooted! Now the babies have appeared and his interest is more overpowering than I had imagined!

Is Observant

“Yesterday, he picked another of his grandmother’s petunias, pointed to the stamens and declared, ‘See, Mommie, babies!’ He’s learning in his own little way and I’m sure when our 14-month-old daughter, Stephanie, gets 3½, she too, will enjoy the same thrill that Preston is absorbing now.”

Mrs. Sholtey is hopeful that if there are violet lovers who would like to “talk” violets, they would write her at Bear Lake, Mich., 49614.

Let’s all go to the AVSA convention in Milwaukee —
April 16 - 18.

Discarded Violet Gets Her Sympathy, Becomes Grower

For years Mrs. Billy Jane Meister saw African violets around in the homes of her friends and occasionally in a dime store or garden shop.

"And, frankly," she explained, "I was not impressed! They looked pretty ordinary to me."

Mrs. Meister, who resides at 90 Leyte Avenue in Warrington, Fla., later learned that she was right. Those plants were pretty ordinary.

A daughter living in Beaumont, Texas, was an avid violet grower. She bombarded her mother with letters about violets. Mrs. Meister suffered through these. But she just wasn't interested in African violets.

Then a visit from her daughter resulted in Mrs. Meister's becoming acquainted with Florida African violet growers, whose collections really did impress her. But that was all. Even though her daughter provided her with plants, vermiculite, Black Magic, etc., to get her mother growing violets, Mrs. Meister remained "unimpressed."

As she recalls: "I stuck the leaves and plants in a west window (! ??) and whenever I thought of them, I'd water 'em. Boy, did I water them! First, they'd stand in mud. Then I'd let them stay dry as the Dust Bowl in the '30's until I would suddenly remember the poor things and go drown them again."

Actually Survived

"Who says African violets are temperamental? These poor things actually survived this brutal treatment, standing for days in sodden, soggy mud with a western sun coming through plate glass for five hours every afternoon, frying and boiling them!"

A visit to her daughter in Texas found Mrs. Meister leafing through *The African Violet Magazine* just to please her daughter.

"I still thought the whole business was pretty silly," she continued. "Daughter Jo had fluorescent lights over her collection of miniatures. I watched her care for them. Most of them were not in bloom but she had a goodly supply of ribbons from shows to prove they had bloomed and would again! Jo then took me to see a friend, who also had a whole fluorescent-lighted roomful of 'em. I got a little more interested—not much—although they were undeniably lovely."

Then one day Mrs. Meister wandered into her daughter's plant room. Discarded in a wastebasket, she saw a scroungy-looking "Wrangler."

"Appalled, I rescued it," Mrs. Meister said. "I watered it—too much, of course—and lavished all sorts of concern and care on it. When Jo found out what I had done, she laughed. It was at that moment that I became a rabid, full-grown African violet NUT!"

Takes Leaves Home

Mrs. Meister returned home with a box packed with leaves and "babies", which she never let out of her sight. The end of the story you've already guessed. She re-read the two old copies of the *AV Magazine* her daughter had given her, bought a dime store book on how to raise African violets, and read Elaine Cherry's book. "Fluorescent Light Gardening," which her daughter with much amusement had loaned her. Finally she invested in a fluorescent light fixture.

"Then came the simple thing which I believe has helped me more than anything else," she explained. "In one of the *AV* magazines, I found an ad by Mrs. C. E. Ffoulkes of Jacksonville, Fla., offering a list of leaves of plants and a special on 10 leaves as an introductory offer. I wrote for the leaves and the list. They arrived in perfect condition, carefully labeled as to name, color, leaf and flower characteristics—and also several mimeographed pages on how to plant and care for them. Probably the instructions kept me from killing all the leaves, since I still knew almost nothing about how to care for them."

"For instance, when the first little sprouts appeared from the leaves my daughter had given me, I ruthlessly cut the mother leaf away from the babies, leaving the poor little newborn, just above-the-soil plantlets to go it alone, and replanted the mother leaves. I then put the tiny babies in 3-inch pots and wondered why they just sat there looking miserable. Mrs. Ffoulkes' instructions straightened me out on that!"

AVSA Member Now

Today Mrs. Meister is an AVSA member and enjoying every phase of her fascinating violet-growing hobby.

ARRANGEMENTS AT PHILADELPHIA



"THE RAVEN" -- Mrs. Harold Rienhardt



"SYNTHETIC SYMPHONY"
Mrs. Michael Hughes



"BEN FRANKLIN"
Mrs. Alva S. Cerri

Here are four arrangements picked at random at the Philadelphia convention show depicting Philadelphia history. "Ben Franklin", diplomat, inventor, philosopher, educator -- a man of many firsts in America -- was portrayed by Miss Beatrice Sauter of Baltimore, Md., and Mrs. Alva S. Cerri of Marcy, N. Y. by the use of kites to depict Franklin's invention of electricity.

Mrs. Harold Rienhardt's "The Raven" called attention to its author, Edgar Allen Poe, who was living at Seventh and Spring Garden streets at the time he wrote the famous poem. Mrs. Rienhardt is from Syracuse, N. Y. "Synthetic Symphony," was Mrs. Michael Hughes' abstract entry depicting the Philadelphia metropolitan area as the largest producer of man-made materials in the world. Mrs. Hughes resides in Colonia, N. J. (Photos by Joan).



"BEN FRANKLIN" -- Miss Beatrice Sauter

LET'S GO HANG THE JUDGE

By Mrs. W. F. Anderson
360 Tulip Drive
St. Louis, Missouri 63119

A judge is expected to sum up the good points and shortcomings of an entry and hand down a precise, well considered judgment. This might be an easy task for a computer. A judge is only human. So must be objective and not allowed personal preferences and standards to cloud his view.

Have you been a judge? No? Then you have never been subjected to a subtle form of torture and have a real treat in store.

What does a judge look for when judging? For specimen plants, he must consider form or symmetry, condition or horizontal perfection, the amount, size and color of blossoms and whether the entry is true to variety as described by the hybridizer.

For artistic entries the judge must look for design, distinction, color, condition and must be sure that the entry conforms to the schedule as written.

A judge will be lenient with novice exhibitors in novice classes or exhibitors in a first show. In advance shows, the judge expects entries to meet exhibition standards.

Judges Are Human

Since judges are human there are degrees of competence in judges as in any other endeavor. Judging school starts the initial training but this alone will not produce a polished, experienced judge. Judging takes practice, continuing study and above all a judge must keep up with what's new—new variety introductions and any changes in standards set for judging. A judge must gain experience in other areas by growing plants and showing them, too. He must experience and appreciate the difficulties of growing and exhibiting.

Should a nilly nitwit win a ribbon without taking the time either to groom his plant or to learn how to prepare his plant for exhibition? If the plant is beautiful in the eyes of the owner because it is covered with huge pink blossoms, does this mean it is a specimen plant, well groomed for exhibition and worthy of a blue ribbon? Should an exhibitor berate a judge who is trying to make an honest appraisal? Or should an exhibitor consider the judge's criticism as a guideline for future improvement?

A judge must be careful what he says. His words may be taken out of context or be misinterpreted by the exhibitor.

A Problem Area?

Judging, obtaining judges, training judges, effective judging—all these seem to be of real

concern to clubs and councils these days. Training, scoring and effective criticism without offending the exhibitor—these are problems of real concern to dedicated judges.

So, if you want to hang the judge—Don't! Rather be sympathetic and compassionate for he is doing his best. Most important of all, it may be your turn to judge next.

Students Hold Sale . . .

Violets Used To Raise Funds

By Mrs. Kenneth McGann
Box 27
Whitetail, Montana 59276

Our local school's uppermost class, including the sixth, seventh, and eighth grades, undertakes a project each year to raise funds for their annual field trip. In the past, a raffle has nearly always been their project. This year, they chose to sponsor an African violet show, clinic, and sale. Many of the students agreed rather hesitantly and with much doubt as to the success of such a venture, since our community boasts a population of only 200 and very few people seemed interested in African violets.

The pupils made posters giving information about raising violets and arranged the sale and lunch to go with it. They sold tickets of admission for a very small fee. When the day of the sale came, over 200 violets were put on display. The set of slides from the Tinari Greenhouses was shown, after which there was a question and answer discussion about raising violets.

This discussion was conducted by the one from whom they had received the violets, the pastor of the local community church, who himself has been an African violet grower since grade school days. He is a member of AVSA, though there are no clubs at all in Montana. One of his desires, in providing the violets for sale, was to spark interest in them among the people of this area and to perhaps create an African violet club and some competition among African violets at the local fair.

Another grower of African violets, a fellow in high school, and AVSA member, also helped with the sale.

The sale did spark interest and corrected many errors and misconceptions about raising violets. The students made as much from this sale as they had made on a raffle, and the local pastor sent a sizeable profit to another city for the building of a new church.

Musings from the "Mini-Mam"

Mrs. Roy Weekes
1356 East Cypress
Glendora, Calif. 91740



You know it could just be that we aren't as far apart on the sizing of some of those miniature and semi-miniature varieties as it would seem. Now this is disappointing of the obvious problem—that the genes in all plants of the same variety are not going to allow themselves to grow

in the same fashion, or to the same size no matter how well they are grown. Sports, in larger and smaller sizes, we are going to have in spite of anything we can do. But I'm thinking of a good, normal, healthy plant—true to variety—that happens more often than not.

I attended, entered, or judged eight area shows last spring besides the AVSA Convention show in Philadelphia. Since my interest has been so closely and constantly focused on the small ones during the past year as chairman of the Classification Committee, I find myself exceedingly observant about details I might have missed otherwise. The wee ones were well represented at all of these shows, particularly at Philadelphia, where almost a hundred were entered and where I was privileged to help judge them.

Well Known Facts

First of all let's concentrate on a few well known facts. Miniatures must not be grown in any larger than a 2½" pot and semis no larger than a 3" pot. Some of the very small varieties look better and grow nicer in a 2" pot. I'm referring specifically to Lyon's "Toy series"—"Reddie," "Winnie the Pooh," "Edith's Toy" and the like. Of course they are more difficult to take care of that way—but you'll be more successful.

We know they must have good light—some varieties needing more than others. We know they need a lighter soil than the standard varieties—and a small dosage of fertilizer. We know they must not *ever* dry out to the point of limpness or we have done them real damage and we know that good humidity is important.

Opinion Letters

In going over the opinion letters that I received during the year to help classify the

smaller varieties, I wonder if the manner in which they are groomed isn't one of the less recognized but more important reasons for our disagreement. Certainly the manner in which they are grown has got to count. We must recognize that a plant grown under natural light, either in a greenhouse or on a window sill must necessarily have less consistent good lighting when the days get cloudy than do those which have steady fluorescent light day after day. The result is bound to be less compact, leggy growth. BUT if a plant is allowed to grow with more layers of leaves than it needs for maturity (and which sometimes makes them look old and unattractive), then this could very easily make the difference in sizing the plant. One extra row of leaves that really ought to be removed, not to make the plant smaller, but to improve its appearance, could easily make the difference between a plant being a six-inch plant (miniature) or an eight-inch plant (semi-miniature). Three or four rows of leaves plus a center DO make a more attractive plant than one allowed to grow "thick." Try it and see.

Please Write

AND while you're at it, write to me and tell me about the varieties you are growing and how they are growing for you. I'm still trying to add old and new varieties to our Miniature and Semi-miniature List and I can only do that with your HELP.

IN MEMORIAM

It is with regret that we learned of the death on August 30 of Mrs. Victor Gaug, past president of the New Jersey Council of African Violet Clubs. (1966 - 68) Mrs. Gaug was active in African violet work in New Jersey and served as president of the African Violet Club of Trenton, N. J., prior to being president of the New Jersey Council.

Mrs. Max W. Maas' death also comes as sad news to all AVSA members who knew her. She was a great fancier of African violets and with her husband operated several greenhouses in Springfield, N. J.

Our heartfelt sympathy goes out to both families.

Attend the AVSA convention at Milwaukee, April 16 - 18 and see the unique Apostles' Clock, Paine Art Center and scenic Lake Winnebago.

Give Violets in Attractive Wrapping as Christmas Gift

Dear Violet Friends:

Violet friendships are like Christmas Candles, the glow and warmth remains after the tiniest spark burns out. The Blessing of the Christmas spirit be with you and your loved ones.

Anne Tinari

Q. Dear Anne: I would like to tell you about a leaf I planted. It is "Blue Lace." I rooted the leaf and planted it in my own potting mix. About three weeks later I noticed a small "hump" showing. For another week nothing happened. Then all of a sudden there was a bloom bud, not a leaf. It has five blooms now, and four leaves and doing beautifully. It still has the original leaf attached.

A. Though this is not common, we do find it occurs occasionally and is rather strange to see blossoms before foliage.

Q. I am a rank amateur and have been very successful in growing dozens of truly handsome plants. My only error was in growing so many of the same kind. I would like to use some for personal gifts at Christmas and at holidays, but lack the know-how of making them look like a gift. Can you make any suggestions?

A. Yes, there are literally dozens of ways to do this. Each can reward you with compliments and great appreciation from individuals who enjoy plants. I shall list only a few.

A glass bowl lined with sheet moss, pebbles or any other suitable material, is one of my favorites. One favorite flowering plant in center seems to enlarge the blossom through glass and a bit of bow or tinsel attached at top outside of bowl. This is a favorite arrangement of mine especially for a sick friend as plant needs little attendance and survives under the minimum of care.

Any flowering plant can look festive with a little square of red foil pulled up around the pot in lily-pad fashion.

Attractive, colorful handmade ceramic violet jars are always popular. Sides hold four or more plants and are always a conversation piece. These should be planted a month or more in advance so they are well established for giving.

Cutting a center hole in a small attractive hat box or a fancy box of any kind and slipping in a plant that has foil under the bottom or even a layer of colored tulle or ribbon makes a lovely inexpensive arrangement and box serves as a holder. Paper boxes can be covered with foil paper to enhance your violet. There is no limit to the colorful ways they can be set on a prop.

Another clever way to use your African



*By Anne Tinari
Tinari Greenhouses
2325 Valley Road
Huntingdon Valley, Pa. 19006*

violet plants is as a focal point in any colorful holiday container. The many china Christmas cup and saucer designs, Christmas boots or Santa Mugs set off any plant well. Bits of Christmas greens or even driftwood can be used to good advantage. A bright holiday bow and cheery Christmas smile or delivery can make it a personal gift that cannot be duplicated.

Q. I have a beautiful violet, "Double Gold Blue Lace" and it has lots of huge blossoms on but they are so solid they take so long to open. Two of the blossoms finally have the outside now showing. I tried everything to get the petals to loosen up. I sprayed them with warm water, put them under a plastic cover, etc. It did the same thing last year. Some never did open. Send me a remedy.

A. I am sure you have tried the many ways available to help your violet blossoms to open. Any of these methods are most sensible and should have produced results. However, I feel you are dealing with a variety type that has this trait as a characteristic.

This variety was listed in the Master List of AVSA as originated by F. M. Haga & Son Greenhouses, 5033 Doris St., Charlotte, N. C. Possibly they could be of more help.

Q. Could you tell me what causes the leaves, or rather the stems of an African violet to become jelly-like? And then the plant is gone. I have lost three lovely big plants like this that had blossoms on them.

A. Jelly-like petioles, or petiole rot as it is sometimes referred to, can be the result of a waterlogged plant. This would greatly depend on type soil used. Possibly it is not porous enough to allow excess moisture to escape.

On the other hand, this often happens to lower outer leaves that are spent and should be removed to allow center and middle leaves to be stronger. Avoid too large a pot where ex-

cessive soil is used and does not drain properly. Q. In the spring I brought some leaves up from Florida and wish to have reproductions of a good size before going South in the fall. Will it help any to fertilize them (still attached to the mother leaf?) If so, what fertilizer?

A. Young leaf cuttings with plantlets and mother leaf still attached would be greatly benefited to continue good growth by applying plant food, possibly once a week or oftener by using it one-half to one-third strength so plants can absorb constant nourishment without burning of tiny fibrous roots.

Any good plant fertilizer can be used, Peters, Hyponex, Fish Emulsion or Liqua Vita are only a few found suitable on the market today.

Q. What would make my plants look so leggy and weak? The few blossoms I get have such pale color?

A. These symptoms indicate plants are not receiving adequate light they should. Light intensity is no doubt very poor. If problem is lack of windows with natural sunlight to produce satisfactory growing plants, then try using artificial light which is so popular due to the success the public has experienced, using it properly 12 to 14 hours per day.

Q. We moved into a new home, but find my heating system very poor as my temperature drops constantly to below 60° at night and in the day gets extremely hot and stuffy. Will my plants adjust to this in time?

A. I am afraid not. Plants are very sensitive to temperature and thrive best at 60° to 75°. Above 75° would be too hot and dry for normal plant growth for a flowering plant. Low temperature for African violets can stunt growth and a temperature too high will cause blossoms to blast and fibrous roots to be injured from severe drying. You would be most wise to have your heating and thermostat equipment checked over as your controls may need adjustment.

Q. How long does it take before one can know a leaf has rooted other than lifting it constantly out of rooting medium to examine it which, I must confess, is a temptation with me.

A. If you have left one to two inches of petiole on your leaf and inserted it firmly in $\frac{1}{2}$ to $\frac{3}{4}$ " in the proper rooting medium you should notice tiny root hairs and small tender shoots that gradually turn into leaves within 3 to 5 weeks that appear at the base of the leaf. Be certain to always use firm fresh leaves when propagating.

Q. After receiving violets and transplanted the plants into the next size larger pot after three weeks, everything seemed to be normal. We used African violet potting soil and fertilized alternating with 2 well known types.

The humidity in the greenhouse was kept at 70° and the night temperature not below 65°. We used selenium in capsule form (Sel-Kap) and sprayed malathion approximately at three week intervals. We also had a turbulator and the violets were placed on inverted 4" clay pots.

Two days ago we noticed that the leaves were limp and that the stems were turning dark and rotting, and the plants in general had a dull appearance. Could you help us out with this problem?

A. I can make a few suggestions which may be a lead in any of several problems that may be causing the difficulties:

First, I am not familiar with soil you are using, so do not have any way of knowing if the analysis would be suitable to type fertilizers used. We work here in the greenhouses with a soil that tests a pH of about 6.4 slightly acid. Thousands and thousands are grown in this type soil.

Water may be another factor. However, since you have been using the same water on your plants previously it should not give trouble now, though I'm sure you know water used through a water softener is the greatest detriment. I have seen its salinity cause great damage.

Also, do you have your greenhouse shaded during these hot summer months? Your turbulator should take care of proper air circulation and cooling of the air at the same time. However, here in Pennsylvania we find intense shading is very important during these warm summer months. Care, too, is important with both selenium and malathion. If used in too strong a proportion they can have harmful effects on plants. Selenium can be very disastrous on young stock. Root growth takes time, but should not cause plants to have dull appearance you speak of unless they are in too large a pot. Great amount of air pockets due to very light or improper soil can retard fibrous root growth.

PUBLICITY?

Has your newspaper or any other local publication been printing articles about African violets? Did the news item mention the African Violet Society of America, Inc.—that a free culture leaflet is available on request from the AVSA, Box 1326, Knoxville, Tenn. 37901—that complete cultural information is contained in the colorful AV Magazine?

If not, then get such information to your newspaper. If they have, then send clippings to the 1969-70 AVSA Scrapbook. If you need items for your local newspaper then write Mrs. W. J. Krogman, Membership and Promotion chairman, 1325 Parkway Drive, Brookfield, Wis. 53005.

Poster Displayed at Texas Show



Here's a demonstration of how the center pages of the African Violet Magazine were used by members of the Alamo African Violet Society of San Antonio to enlist new AVSA members at their annual spring horticultural display and plant sale, theme of which was "African Violets—America's Sweetheart." As a result of the group's television garden program, TV and radio spot announcements, and pictures, writeups and advertisements in newspapers, visitors came from many Texas cities and a total of nearly 1,100 plants and leaves were sold.

On the educational table were leaves that

had been rooted in both water and vermiculite with some having new plants attached. Various soils were displayed, AVSA culture sheets were available, and members were on hand to talk "African violets."

The 1,100 plants and approximately 150 leaves were provided by 17 members, who were allowed to bring 50 plants priced from 25 cents to \$1.50; 20 plants from \$1.50 to \$3, and five plants from \$3 up. For reserve each member could bring an additional 25 plants. The club derived 15 per cent from the sale for its treasury. Mrs. J. W. Carlisle is club president and Mrs. John McCannon was general chairman of the display and plant sale.



BINDERS: Here are the attractive binders for the African Violet magazine. They may be purchased at \$6.50 a pair, postpaid, from the office of the African Violet Society of America, Inc., P. O. Box 1326, Knoxville, Tenn. 37901. Get a pair of these beautiful green binders with gold lettering to preserve your African Violet Magazines. The binders are sold only in pairs.

General Culture

*Mrs. E. M. (Millie) Blair
Vallejo, Calif.*

(Mrs. Blair's discussion of "General Culture" was presented at a workshop, "How to Grow African African Violets," at the 23rd annual AVSA convention)

I feel that the one most important thing in raising African violets is "CONSISTENT CARE."

This means regular care, such as watering, fertilizing, growing, repotting, which we will take up in order as we go along.

We will start off with rooting leaves. When we have a choice we would use leaves from the 3rd or 4th row from the crown of the plant, leave the petiole $1\frac{1}{2}$ inches long, let dry to seal the end, (you may cut off the end on a slant). I have for some time used a mixture of 1 part Sponge-Rok and 1 part Vermiculite mixed to root my leaves. I put each leaf in this rooting mixture in a $2\frac{1}{4}$ inch square pot. Don't bury the cut end of the leaf too far down in the rooting mixture, as it will take too long for the little plantlets to come up through the rooting mixture. I put 60 of these little 2il" pots in a standard nursery flat, that is lined with 4 mill plastic. After watering, I cover the pot loosely with Saran Wrap or Handi-wrap, this helps promote quicker growth for a number of reasons: (1). promotes humidity as the Saran wrap holds the water around the leaves; (2). As you don't water as the rooting leaves are warmer; (3). promotes quicker growth of the little plantlets.

When it is time to separate the little plantlets from the mother leaf, I usually wait until the leaves of the plantlet are about the size of my finger nail. I usually separate the larger plantlets off the mother leaf first; if some are very small I leave them on the mother leaf and put the leaf back into the $2\frac{1}{4}$ " pot to grow some more. The plantlets that I have separated, if they have a good strong root system, I pot up into a $2\frac{1}{4}$ " or $2\frac{1}{2}$ " plastic pot. If the plantlet does not have a good root system, I put the plantlet in the rooting mixture in a standard plastic lined nursery flat. Right beside the plantlet, I put a plastic label with the variety name. This is watered to settle the rooting mix around the plantlet, then covered loosely with Saran wrap or Handi-wrap over the entire top of the flat. In just a matter of a couple of weeks these plantlets will develop a good strong root system, then they can be potted up.

Good Start

Now we have our little plantlet off to a good start toward being a blue ribbon show

plant. When you pot up your plantlet be sure you have it well centered in the pot, this will make future repotting much easier.

I usually put all the small plantlets that are potted up and are the same variety in a plastic lined nursery flat, that has about 1 inch layer of $\frac{3}{8}$ inch size lava rock, I keep this lava rock damp to add humidity, as it is the humidity within a 14 inch area around your plant that does the most good. I don't fertilize the small plants for about 2 months, as it takes the roots of the new little plant a while to get adjusted to its new growing medium. After the plant has been in the pot 2 months I will fertilize. I use either a mixture of equal parts of fish emulsion (5-1-1) and Hi-bloom (2-10-10) mixed together very well, then use 1 Tablespoon to 1 gallon of warm water every 2 weeks. If you would rather fertilize every time you water use $\frac{1}{2}$ tablespoon of the fertilizer mixture to 1 gallon of warm water. Since Hyponex has come out with the (20-20-20) formula. I have been using it at the rate of $\frac{1}{2}$ teaspoon to 1 gallon of warm water, which has given very good growth and large blossoms on my violets.

In raising a show plant it is a good idea to keep it growing. As soon as you think the roots have grown out to the side of the pot, repot to the next larger size pot. This will keep your plant growing and eliminate any change in the growth pattern of your leaves. Sometimes if we neglect a plant for a while, then repot and new growth starts, you will have two different growth patterns in your leaves. This is one thing a judge usually looks for in judging a plant. (Which takes us back to our "Consistent care.")

Spraying is another important part of African Violet care. In the spring I have found it is most important to spray for mildew. Mildew shows up in the greenhouse when we have high humidity and cool days usually in the spring. It usually appears on the blossom stalk first. You should spray them. I use DOO-Spray at the rate of $\frac{1}{2}$ teaspoon to 1 gallon of warm water. If one spraying corrects the condition that is all that I do, but if in 10 days I see further evidence of mildew, I spray again. If you do not spray for the mildew when it is on the blossom stalks it will get onto the leaves of your plants. It will also spread to other plants in your collection. In time, if mildew is not controlled it will affect the growth of your plant, so do spray to control it.

I also make it a practice to spray around the outside of the greenhouse with Chlordane, which helps to keep out any bugs or insects

that might damage the plants.

Spray Plants

If I take plants from the greenhouse to a show or fair, on returning the plants to the greenhouse I spray all the plants. I use a good all purpose spray or Spider-sMite at $\frac{1}{2}$ teaspoons to 1 gallon of warm water.

Use a loose soil mixture for your plants. The soil mixture supports your root system and provides the nutrients that your plant requires to grow and bloom. We all know that there are about as many soil formulas as there are African violet growers. My soil is:

- 4 Parts Rescue
- $2\frac{1}{2}$ parts peat moss (I use Canadian Peat)
- 2 parts Sponge-Rok
- 2 Tablespoons pulverized dolomite lime
- 2 tablespoons 5-10-5 fertilizer
- 2 tablespoons Permate
- 1 cup crushed egg shells

(I use a gallon pail as my measure).

This is mixed in a soil mixer, I use 2 teaspoons of VC-13 to 1 gallon of water, in mixing the soil, then I put it into a large garbage can that I keep just for that purpose. The soil mixture is allowed to stand for 2 weeks before using.

Watering is one part of African violet care that depends on location, type of pot, type of soil, and the weather. I have found over the years and using the same soil mix, that I can tell by the looks of the top of the soil when my plants need watering. Don't under any condition let your plants go from a desert condition to a flood condition. This will surely lead to trouble. I use warm water and water from the top, but be sure you water all the way around your plant. This gives all the roots an equal supply of water for a more even growth all around your plant. Your plants in small pots will require more watering than plants in larger pots.

The type of pot you use depends on what you prefer. I prefer the plastic pots. They are cleaner, easier to handle. The water doesn't evaporate from the soil as fast, and you don't have to water as often. I feel they keep the plants root system warmer and promotes faster growth.

Right Temperature

Temperature for the best growth is between 60° - 70° degrees in the day time. It should be some cooler at night about 10 degrees. I have found in my conditions that if the temperature gets in the low 50° that the plants have a tendency to just set on the bench, not growing or setting any bloom.

Humidity is important to the growth of your plant, and very important in promoting the growth of larger blossoms on your plants.

Humidity can be supplied to your plants by having them setting over a layer of crushed lava rock, or by having containers of water setting around the area where you grow your plants. The watering wand that I have for the violets has a fogger attachment. This can be used to mist the plants, which gives added humidity.

Light, the right amount of light that your plant requires to grow and blossom, is very important. A plant will continue to grow and promote green leaves in very little light, but it will not bloom. It requires a greater amount of light to blossom. If you are wondering why a plant that has a good growth pattern doesn't bloom, it just may be that it doesn't receive enough light. Move your plant to a western or southern exposure to see if that will promote blossoms. It will need some protection from the very strong sun on a southern exposure.

Even in the greenhouse, as we have double benches, we use fluorescent lights. We use warm white and cool white tubes, which have given us good growth and blossoms. We have the lights on a time clock set for a 13-hour day, which has proven very good for my growing conditions.

In repotting I use my soil mix slightly damp. I usually repot from a $2\frac{1}{4}$ " or $2\frac{1}{2}$ " pot into a 4" pot, I put a layer of soil mix on the bottom of the pot, then place a $2\frac{1}{4}$ " or $2\frac{1}{2}$ " pot in the center of the 4" pot. Then I fill in between the 2 pots with soil mix. I take my fingers and firm the top just a little, then give the smaller pot a couple of twists and remove it from the center and it leaves a nice little well just the right size for the root ball of the plant you are repotting. Take the plant out of the $2\frac{1}{4}$ " or $2\frac{1}{2}$ " pot and place it in the well. You may need a little more soil around the top to fill it and even the soil level. I have found that this method causes the least amount of transplant shock to a plant. They continue to grow and blossom as if they were never repotted.

Clean Plants

Do keep your plants clean. You can use a very soft brush to remove the particles of soil mix and house dust that settles on your plants. Or you can give your plants a good bath by taking them to the kitchen sink and using warm water. Supporting the leaves with your hand, gently wash away the dust and particles of soil. Be sure to keep the crown of the plant dry. But do not put your plants in the sun until they are completely dry. A soft sponge is very good to remove extra water from the crown or leaves of your plant. When I had my plants in the house I would wash them in the evening and let them dry over night on the

(Continued on Page 44)



YOUR LIBRARY

Mrs. Wayne Schroeder
1739 N. 74th Court
Elmwood, Park, Ill. 60635

Being an optimist has its blessings; one of which is a steadfast faith that your violets are disease free, will bloom in time for the show, and will hold their blossoms for the judges to count. The AVSA member is an optimist!!

The 1970 AVSA Convention and Show to be held at Milwaukee, Wisconsin, is just five months away. Now is the time to enter your club year book in the convention competition. Mrs. W. F. Anderson, the immediate past president of AVSA, is yearbook chairman and with her committee is waiting for your club's book. Please send it to Mrs. W. F. Anderson, 360 Tulip Drive, St. Louis, Missouri 63119. It is a real thrill to see that ribbon your club wins and it does create enthusiasm and a sense of achievement for the members who work to make up the yearbook.

The Library is happy to have as a new committee member Mrs. Gene Garner of Canton, Ohio. Mrs. Garner was elected a director of AVSA at the Philadelphia Convention. We

look forward to working with her and having the use of her talents on the Library committee.

The board of the AVSA at their Philadelphia Convention meeting approved the donation of a slide program to the National Council of Garden Clubs. This program is in process of being assembled and will go to the Council soon. Since Garden Club members enjoy beauty in flowers, the introduction of the African violet should be well received. This program will include all facets of the hobby of violet growing.

New schedule packets have been assembled and are available for the asking plus \$1.00 for postage. Send to the AVSA Library, P. O. Box 1326, Knoxville, Tennessee 37901. You will surely benefit from seeing the themes, show rules, and publicity ideas other clubs have found successful in their shows.

Did your club include at least one AVSA slide program in their year's activities? Check the listing of programs available in the AVSA Magazine, June issue. Enjoy using the Library!!

GENERAL CULTURE

(Continued from Page 43)

kitchen counter before putting them back on a stand. Before you take your plants to a show be sure they are clean. Don't use Kleenex to dust your plants as it will leave lint on the leaves.

If you decide to try a new soil mix or fertilizer, try it just on a few of your plants. Watch your plants to see how they perform. If you like the results go ahead and use the new method on your collection of plants. If you do not like the results or you lose a few plants, you won't lose your entire collection.

If you have a soil mixture, fertilizer, spraying program, grooming program and set up that gives you exceptional plants, keep right on raising your plants that way. I feel that we all have to adjust our method of raising plants to suit our environment. I have enjoyed raising African violets for over 20 years, and still find their culture very interesting and exciting.

Do exhibit your plants in the local shows near you. You will be able to share your lovely plants with others, and you may interest others in your very interesting hobby.

RANDOM THOUGHTS

(ED. NOTE: How much African violets are really enjoyed by elderly persons is evidenced by these random thoughts of Mrs. Lucy Cowan, 80-year-old mother of Mrs. Bertha E. Ludenberger of Santa Monica, Calif.)

Foolish random thoughts as I scan the names of the African violets in my collection:

The "Royal Indigo" waves splash upon the shores of the "Coral Reef." "King Neptune" left his "Blue Wine" watery home to visit the "Magnifica" Isle.

To amuse him "Fairy Image" used her "Powers" (unknown name) to bring forth "Rose's Pride," "Janny" with her beautiful miniature "Honeyette" to perform her dainty "Twinkle Toes" dance, a real "Artist's Touch."

"Blackfoot" and "Cochise" left their "Pilgrim's Fire" to row their "Wedgewood" canoe over to enjoy the "Blue Excitement" "Texas Pride" was the last to display the wonderful "Atomic Flash," a beautiful "Pink Fulfillment."

When all was over, they went back to their separate homes filled with great "Contentment."

Let's all go to the AVSA convention in Milwaukee —
April 16 - 18.

Chapter Chatter

By Maisie Yakie
P. O. Box 674, Port Arthur, Texas 77640

Wins 46 Ribbons At Illinois Show

Mrs. C. W. Hayes, president of the Capital City African Violet Society in Springfield, Illinois, won 25 blue ribbons and 21 red ribbons in state-wide competition at the 14th annual convention and show of the **ILLINOIS AFRICAN VIOLET SOCIETY, INC.**, at Alton, Illinois. Mrs. Hayes won the Gold Rosette award from AVSA for the best collection of three different registered varieties, "Wedgewood," "Coon Valley" and "Lullaby." Each plant was judged with a total of 99 points. She was presented with a silver bowl for sweepstakes by the president of AVSA, Mrs. W. F. Anderson. The Illinois African Violet Society also presented Mrs. Hayes with a Gold Rosette for sweepstakes. Mrs. Hayes also won many special awards: A year's membership in AVSA from Krogman's for the best plant with variegated foliage, "Persian Caprice," a monetary award for the best plant of Richter's introduction, "Wedgewood," a monetary award from the First African Violet Society of Chicago and a gift certificate from Lyndon Lyon for "Icy Peach;" a monetary award from the Metropolitan African Violet Society of Peoria for "Lucille," a gift certificate for the best plant of Granger's introduction, "Lullaby;" a monetary award from Mrs. Eugene Schippert for the best bloom with a white edge, "High Hopes;" a monetary award from Wilson's for the best plant of "Coon Valley." She also brought home the award from her own club for the best lavender violet, "Cathy."

The **FIRST AFRICAN VIOLET SOCIETY** of Grand Rapids, Michigan, held its annual show with the theme "Happiness With Violets." A turn-table was used for display of miniature violets.

Awards won at the show held by the **SANTA MONICA** AVS are as follows: Queen "Lili Pose," best double, "Raspberry Fluff," best compact grower, "Raspberry Rebel," Marianne Leland; Hort. sweepstakes runner-up, Lagdalena Laurer; sweepstakes artistic and arrangement classes: best theme, Elizabeth Barclay; best single variety, "Rhapsody Maria," Helen Van Zele; Armacost collection, "Amethyst," "Admiral," "Mermaid," Eliza Frew; best novice, "Tommie Lou," Bernice Kennerson; best window grown, "My Hope," Marion Tyler; best educational, Betty Bingham.

"Violets for Mother's Day" was the theme of the show of the **CLEVELAND AVS**. Queen of Show, "Mabel Dunston," Princess; "Sincerity," sweepstakes, best single pink "Ivory Fashion; double purple or blue, "Mabel Dunston," best dbl. pink, "Pink Paul Bunyan," best dbl. white, "Sincerity," best dbl. var blossom, "Snowberry," best dbl. Geneva, "Mariner Blue," Mrs. Stephen Bekeny, who also served as show chairman; best single var. blossom, "Snow Jewel," Mrs. Charles Dautel, who also served as a show co-chairman, best single geneva, "Firebird," Mrs. Charles Dautel, also a show co-chairman; best arrangement, Mrs. Joseph Hodan; best non-member Blue Ribbon plant, "Frosty Night," Mrs. Booker. Club president is Mrs. Carl Alcott.

The **ROCKY MOUNTAIN AV COUNCIL** used "Violets Tell the Colorado Story" for their eighth annual show Mrs. Darcy Dial, show chairman, won the AVSA Gold Rosette with "Delft Imperial," "Tommie Lou," "Top Sails;" Mrs. Paul W. Kiesling, winner of the AVSA Purple Rosette with "Dove Wing," "Morning Sky," "Hi Hopes," also won the Rosette and AVSA silver bowl for sweepstakes, the tri-color rosette for best of the artistic design and arrangements, and the award for best Colorado hybrid plant with "Colorado Carnation" Mrs. Frank King won Tri-color

rosette for best of show with "Jolly Giant" runner-up to best of show was "Wedgewood," Mrs. Lee Alden and Mrs. Lydia Bergstrom was winner of the best in the arrangement classes. Hi Hopes Study Club was given an award of merit for their educational exhibit. Judges were Mrs. Marta Carpenter and Mrs. John Cox of Peenix, Arizona; two local accredited national flower show judges and eight local AVSA judges.

Winners in the show held by the **NORTH SHORE AVS** of Long Island, were Erna Able, who took all top awards with her beautiful plants, "Alakazam," Queen of Show, Queen Runner-up, one of Mrs. Abel's seedlings, best variegated plant, "Keepsake," "Silver Sheen," best in the gesneriad classes, horticulture sweepstakes, best arrangement, and arrangement sweepstakes, best miniature, "Little Star," runner-up in horticulture sweepstakes, runner-up in arrangement sweepstakes, Mrs. Edna Roff; largest plant, "Double Black Cherry," Jean Johnson.

The **MILWAUKEE AVS** used "Anytime—Anywhere—Violets" as the theme of their show. Winners were: AVSA Gold award for "Pizzaz," "Peak of Pink" and "Dazzling Deceiver," Queen of Show, "Dazzling Deceiver," Mrs. Roy Heinrich; AVSA purple award for "Pink Riot," "Top Sail," "Silver Pinafore," Mrs. Jos. J. Hinton; Queen runner-up "Blue Beard," Mrs. Ed Brockman; sweepstakes, Mrs. Jos. J. Hinton, who is also club president; sweepstakes runner-up, Mrs. Edwin F. Maurer.

"Valley of Violets." was the theme of the ninth annual show of the **NAUGATONIC AVS** of Shelton, Conn., and vicinity. Trophies went to: Sweepstakes, Queen of Show, "Dove Wing," first runner-up, "Triple Threat," second runner-up, "Charm Song, AVSA Gold Award with "Dove Wing," "Strawberry Shortcake," "Tommie Lou," first runner-up to Junior Queen "Cheerleader," Mrs. Newell Mallette; first runner-up to sweepstakes, Junior Queen, "Prairie Rose," second runner-up, "Little Cupcake." Tricolor award, "Prairie Rose" and President's challenge award "Bewitched," Mrs. Joseph Adams; second runner-up to sweepstakes, Past President's award for best artistic arrangement, smallest blue ribbon plant, "Candy Lips," Miss Carole Craig; Mrs. Julius Fargeot, special award for Columnea Hirta; Mrs. Chester Kuzia, special award for educational tables. Mrs. Kuzia and Mrs. John Prokop were co-chairmen.

COLUMBUS AVS, Columbus, Ohio, used "School Days" Days" as the theme of its show. Winners were: AVSA Gold Rosette for "Pink Jester," "Lullaby," "Strawberry Shortcake," Queen of Show "Pink Jester," largest plant "Mr. President," Mrs. Carter Grinstead; AVSA purple Rosette for "Tommie Lou," "Wintergreen," "Pink Coquette," Princess, "Tommie Lou" sweepstakes, Hulda Evans award, "Delft Rosette," President's award for best variegated "Tommie Lou," chairman's award for best arrangement, House of Flowers award "Yummie," Julia Fladt award "Tommie Lou," Mrs. Elmer Lusk; Junior Sweepstakes, Mrs. Vernon Roth; Novice award, Mrs. Harry Goldberg; Contest Leaf award "Orchid Tiara," Gesneriad award "Columnea Chippewa," Mrs. Samuel Orr.

FIRST AVS OF DALLAS, Texas, used "Oriental Impressions" as theme of the show, with the theme being carried out in a small Japanese garden, using three six-foot-tall pine trees as background, a four-foot Oriental lantern, ornamental plants, stepping stones, large rocks, small pebbles, baby tears among the rocks, and large and small African violet plants. Winners were: Sweepstakes, Queen of Show, "Persian Swirls", best single blooming plant, "Elfriede," First AVS Trophy, "Purple Thrills," Mrs. R. B.

The Plant AND



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RICHTER



The Blossom

Photos by F. Richter



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RICHTER



New Mexico Shows Off!

New Mexicans were given their first opportunity to attend an African violet show when the Albuquerque African Violet Club presented its first annual show, "African Violets Tour the Land of Enchantment." More than 500 persons attended. The club was chartered June 1968 with 36 charter members. In less than one year the club had grown to a membership of 63.

Junior members made a substantial contribution to the show. In the upper left are the junior winners in their age groups: Left to right, Mark Newlander, 13, best artistic planting "Violets in the Desert"; Lisa Beth Daley, 8, best plant; Carol Leslie Jones, 9, best artistic planting, "Brahma Bull Event," and Connie Tallant, 10, best artistic arrangement, "The Midway".

Watson; best double blooming plant, "Top Sails," club project, "Ballerina." Mrs. Lewis Owens; Award of Merit "Alaska," President's trophy, "Pure Innocence," Mrs. Edward E Bone; best miniature or semi-min., "Demitasse," artistic award of distinction, artistic creativity award, theme of show, Mrs. Elford F Wilson; artistic sweepstakes and tricolor, Mrs. Wailand D Wilson. Mrs. T. L. Wheeler was show chairman; Mrs. E. F. Wilson co-chairman. Mrs. W. D. Wilson is club president.

A total of 194 plants were entered by 17 exhibitors when the **AFRICAN VIOLET SOCIETY OF SAN FRANCISCO** presented its show and plant sale at the Hall of Flowers, Golden Gate Park. Guadalupe Stevenson was staging chairman of the show theme, "Violet Treasures." Winners were: Queen of Show, "Blue Chips," first runnerup, best single, best arrangement, "Reaching for the Skies," Northern Cal-

In the lower photo, winners pictured at the winners table are: Left to Right: Mrs. Margaret Schmierer, Mrs. Betty Ozmina, Carol Jones, Mrs. Irene Finney, Lisa Beth Daly, Mrs. Elizabeth Enders, Miss Mabel Tanner, Mrs. Joy Tallant, Mrs. Peggy Staat, Mrs. Ruth Longmire, Mrs. Frances Smith, and Connie Tallant.

At the right Mrs. Edna Collear displays her blue ribbon Strawberry Jar. Also shown is a hanging basket, containing "Tommie Lou" plants, shown by Mrs. Joy Tallant.

The Tricolor Award for the best specimen in the show was awarded to Mrs. Betty Ozmina, the first president of the Albuquerque African Violet club, for her entry: "TIDY". Mrs. Ozmina also won the horticulture sweepstake award. The artistic sweepstakes award fell to Mrs. Irene Finney.

ifornia Council award, "California Giant," Alice Black; first runnerup, "Christmas Holly," sweepstakes, best double, best in artistic class, "Woodland Fantasy," Esther Daigle; 2nd runnerup, "Tommie Lou," best variegated, best miniature, "Bloomburst," and Northern California Council award, "Silver Tips," Ethel Haugen; best Constantinov origination, "Blue Hawai," Maria Hardman; and Northern California Council award, "Elegence," Esther Ottolini.

More than 900 persons attended and bought plants and supplies at the **VANCOUVER AFRICAN VIOLET CLUB'S** annual show, indicating growing interest in African violets and other gesneriads. Top winners were: Queen of Show, "Chateaugay," runnerup to queen "Coral Star," and sweepstakes, Mrs. Marie Ferras; junior queen, "Crown of Red," Mrs. Kurt Larson; runnerup to junior queen, "Tommie Lou," Mrs. Daphne Mahrer; Novice Queen, "Maple Sugar."



WINNERS AT SHOW - - These are the happy winners of the top awards at the 14th annual show of the North Shore African Violet Society of Lynn, Mass., theme of which was "Summertime With Violets." They are, left to right: Mrs. George Bryne, junior queen, "Sea Grape"; Mrs. Freeman Rines, queen and Bay State Rosette, "Lilian Jarrett"; Mrs. Charles Craig, runner-up-to-queen, "Mint Marble"; and Miss Dorothy Hutchinson, best window plant award, "Sweetheart Blue."

Harold Gethen; second highest sweepstakes, and Gold Rosette, "Icy Peach," "Magnifica" and "Peak of Pink," Mrs. Marian Norquay.

Five new members were signed up by the **SANTA CRUZ AFRICAN VIOLET SOCIETY** at the annual show, "Violets and Butterflies," of which Grace Bryan was chairman and Florine Cavello co-chairman.

Best of Show was won by Annalee Kinne with "Double Sunrise," first runner-up, Irene Hazeltine, with her own registered variety, "Pearl Moon;" 2nd runner-up, Ruby Glenn, with "Matador;" the Northern Council Award by Lu Strange, a non-member, with Victor Constantinov's "Butterfly," best variegated foliage, Irene Hazeltine, with "Keepsake; best miniature, Grace Bryan, with "Red Rocket;" best first bloom, Grace Bryan with "Red Caver;" best gesneriad, Irene Hazeltine with "Hypersertn;" best unusual container, Irene Hazeltine; best arrangement or composition of theme, Florine Cavello; best arrangement or composition not on theme, Violet Kinne; best largest plant, Ruby Glenn with "Maroon Velvet;" sweepstakes, Irene Hazeltine.

LEHIGH VALLEY AVS of Eastern, Pa., used "Star Performers" as its show theme with John J Paul as chairman. Winners were: Best of show, "Winty Night," Best of show runner-up "Mariner Blue," best var. foliage, best E. Dianthaflora, best col., "Orange Princess," best club projects and tied with George Suter for sweepstakes, Mrs. Norman Harner; Mr. Suter also won Best of Show under 12" with "Swan Lake," and best miniature, "Timmy;" Best of Show under 12" runner-up, "Rosy Posy," which also won best girl foliage, AVSA Gold Rosette for "Picture Hat," Dark Whisper," "Calumet Beacon," Mrs. George Storrow; sweepstakes, Mrs. George Suter, who also won runner-up in sweepstakes and best Tinari introduction with "Pink Rhapsody," "Black Diamond," Mrs. Mazie Wieder; best artistic design, Mrs. Ray Beebe; best arrangement, Mrs. Stanley Silfies; best miniature arrangement, Mrs. David Maloney.

The 18th annual show of the **AVS OF GREATER KANSAS CITY**, Mo., used "Violet Valentines" for their theme. For the second year in succession the best plant in show was won by Donald Palmer with "Strawberry Shortcake," and

runner-up "Apollo," Iva Curtiss Club Project won by Albert Lefebvre with "Autumn Russet;" AVSA Gold Award with "Pizzaz," "Tommie Lou," and Mariner Blue," sweepstakes with 32 blue ribbons, Mrs. Albert Lefebvre; AVSA Purple Award with "Starry Eyes," "Master Blue" and "Camille," Mrs. Elvis Dixon; best in artistic plantings and arrangements, Mrs. Wm. Primm.

The **AVS OF STATEN ISLAND** used "A Ten-Year Sentimental Journey With African Violets" as theme of their show. Mrs. Glen Hudson won best in show "Chanticleer," AVSA Gold Rosette with "Chanticleer," "Pink Riot" and "Tommie Lou," NY State Tri-Colour Rosette with "Blue Chips," Mrs. Walter Hunt won AVSA Purple Rosette with "Double Dee," "Bloomin Fool," and "Blue Riot." Best Arrangement; Mrs. Frederick Witte won Princess and runner-up to Princess with "Betty LeFleur" and "Hyman;" Mrs. Wm Streback took sweepstakes and most trophy cups, best miniature with "Ping Pong;" Mrs. Hans C. Nielson won best white with "Clipper" and best variegated with "Emperor;" Mrs. Harry Neylan, best pink, "S Pink Rapsody," Mr. Raymond Dooley, Jr., best blue, "Dazzle;" Mr. Wm. Streback best mystery leaf plant with "Linda Jay;" Miss C Nicholson won the one year membership with "Cyd Cerise;" Mrs. Raymond Dooley, best miniature arrangement.

The **BORDER CITIES AVS**, Detroit, Michigan, show winners were: Sweepstakes, best of show, "Nona Weber," best white, "Snow Storm;" best blue, "Zenjura," best dbl. pink, "Reny's Ruffles," best single pink, "Pink Wing," best Columnea, "Early Bird;" Mrs. Ward Cherry; best variegated "Green Confetti," Mrs. Avis Newcomb; best plant of "Dorothy Gray," Mrs. Olga Gowel; best miniature, "Baby Dear," Mrs. Bud Woodruff; best novice class, "Fury," Mrs. S. Magewski; best variegated bloom, "swinger," Mrs. Neimie Sanders; best of theme, "Violet Symphony," shared by Mrs. Sanders and Mrs. Margaret Longnecker.

"Happiness is an African Violet Grower" was the theme of a show given jointly by the **OLD DOMINION AV SOCIETY**, the **METROPOLITAN AVS**, and the **POTOMAC COUNCIL OF AV JUDGES**. Best in Show was "Alakazam," won by Mrs. Chatham M Melchier; Silver sweepstakes bowl, AVSA Gold Rosette by Mrs. Thomas B. McKneely; AVSA Purple Rosette, Mrs. Peter J. Nuyanas; and sweepstakes in arrangements & artistic designs, Mr. T. Robert Valliant.

"Violet Paradise" was the theme of the 14th annual show of the **FIRST AV STUDY CLUB** of Ashtabula, Ohio. Winners were: Best of Show "Lila Time," third best of show "Hi-Lander," AVSA Gold Reserve for "Lilac Time," "Hi-Lander" and "Tommie Lou," sweepstakes, Mrs. Harold Armstrong; second best in show "Icy Peach," Mrs. Miles Nieminer. Mrs. Frank Hoover was show chairman.

Theme of the tenth annual show of the **AVS of EAST BAY, INC.**, Oakland Calif., was "Rainbow of Violets." Winners were: Queen of Show "Risque," junior Princess and best variegated, "Tommie Lou," Mrs. Ruth Stone; Princess, "Lullaby," and best unusual container with "Happy Time," Mrs. Grace Bales; sweepstakes, best Edena origination, "Delectable," best single, "Bullseye," Mrs. Martha Gray; largest blue ribbon plant, "Most Precious," Kate Wile; best miniature, "Double Green," Mrs. Alice Kinsey; best club project plant, "Liberty Belle," Mrs. Roletta Bragg.

The **LIVINGSTON COUNTY AND VICINITY AVS** used "Violets on Campus" as theme of their recent show, and decorated the show room in University colors of blue and gold. Artistic classes were planned around the theme of the show. Winners were: best miniature, "College Hang-out," runner-up to Queen with arrangement in "Classes, Classes, Classes," sweepstakes, Mrs. Elmer Ace; Sweepstakes runner-up in artistic classes, Junior Queen "Tris," "Unusual Container," Mrs. Lettie Crawford; Queen, "Butterfly White," horticulture sweepstakes, Lewis Cook; runner-up to Queen "Delft Imperial," Runner-up to Junior Queen "Red Honey," Carolyn Brisbane, who was also sweep-



"VIOLETS IN STORYLAND" - - This was the theme of the 13th annual show of the AVS of Greater New York. In the top photo above Mrs. Helen Fallon, show chairman, is happily presenting the trophy for Queen of Show to her son, Dennis, for his plant of "Zorro". He also won sweepstakes, largest blooming plant, "Double Black Cherry", and Best Episcia "Silver Sheen". Other awards were: Runner-up to Queen "Dorothy Young", L. I. Registration "Costa Brava", Best Arrangement, Mrs. Helen Fallon; Runner-up to Sweepstakes, Mrs. Lynn McMahon; Princess "Flame Glo", Best Variegated, "Water Lily", Wm. Otten; Best Columnea "Maryann", Second Best Arrangement, Mrs. Wm. Otten; special award to Mr. and Mrs. Otten for creating the theme; Runner-up to Princess, "Frup", Mrs. Catherine Murawski; Novice Award, "Tanana", Mrs. Irene Dutikow; Best Miniature Arrangement, Ozzie Weiss; Natural Light, "Confederate Beauty", Mrs. Herbert Grieves; Best Miniature, "Tiny Tinker", Mrs. Bernard Rotando; Violet Aid Project, "White Fluff", Mater Christi High School.

stakes runner-up in horticulture; President's class, "Gisela," Marion Wood; "Small Plant Growing Up," Mrs. George Emo, with a total of 110 entries. Mrs. Ace was show chairman.

Theme of the recent show of the **POMONA VALLEY AVS** was "Violet Portraits," with Mrs. Alex Mueller as show chairman and Mrs. C. Holman Harris as co-chairman. AVSA Gold and Purple Rosettes were won by Mrs. A. Kennedy Baird and Mrs. Roy Weekes; sweepstakes in horticultural and artistic classes, Queen of Show, best double-flowered plant and club project, So. Calif. Council award for the best California hybrid plant, "San Francisco" of Victor Constantinov, Mrs. Baird; Mrs. Harris won the award for best single-flowered plant; Mrs. Weekes won the award for best composition, second best in club pro-

ject and a special award for Terrarium, Mrs. M. McKeague won best theme arrangement, and the award for best miniature was won by Mrs. Talbot Freie.

"Rainbow End—Violets" was the theme of the show of the **BERGEN COUNTY AVS** of New Jersey. Winners were: Queen, "Wintergreen," best variegated, "Wintergreen," Miss Jo Pamke; Princess, "Sweetheart Blue," sweepstakes, best gesneriad, "Columnea Yellow Dragon," Mrs. Charles Cramond; Honor Maid, "My Darling," Mrs. Harry Laughlin; runner up sweepstakes, best miniature gesneriad, "Sinningia Concinna," best single "Great Lakes," best arrangement, Mrs. Edward W. Buschke; best miniature "Timmy," best project, "Sugar Chief," Miss Muriel Kaiser; best semi-miniature, "Pinkette," Mr. George Strauch. Miss Muriel Kaiser, was chairman. Miss Jamke, co-chairman, and Mrs. Buschke, staging of the show which featured a huge rainbow trimmed with pink nylon net ruffles at one end of which the Queen of Show was placed in a pot of gold.

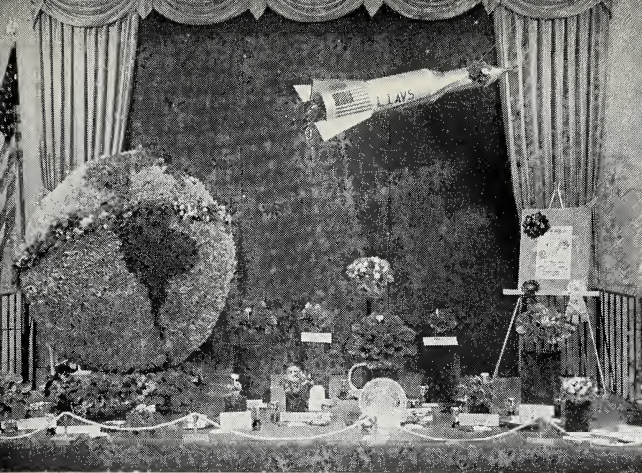
"Something to Crow About" was the theme of the 16th annual show of the **UNION COUNTY CHAPTER OF AVSA**. Winners were: Queen of Show, "Chanticleer," AVSA Purple Award with "Angela," "Chanticleer," "Tommie Lou;" New Jersey Council of AVC Award with "Fiesta Flame," "Touche," "Ladies Aid," Mrs. Glen B. Hudson; Sweepstakes, runner-up to Queen, "Tinted Frills," second Queen runner-up, "Big Blue." AVSA Gold Award with "Double Dee," "Alakazam," "Delectable," Mrs. Walter Hunt; sweepstakes runner-up, Mrs. Mildred Bazley; best arrangement, best artistic planting, special award for staging of the theme, Mrs. Michael F. Hughes; best miniature arrangement, Mrs. J. Fred Bronner; Mrs. Janet Reimer of Kendal Park received a one year membership in the club for the best non-member entry. Mr. Glen B. Hudson was chairman, and Mrs. Hudson, co-chairman.

The **SPRINGFIELD AVS** held another annual show in the spring, with the following winners: Horticulture sweepstakes, Rev. Charles Blades; hort. sweepstakes runner-up, best plant of show "Tommie Lou," Mrs. M. A. Reynolds, who also won special project, "Flirt" with a blue ribbon; project division, Mrs. George L. Bowman, a red ribbon, artistic division, Mrs. M. A. Reynolds, sweepstakes, and Mrs. Tillie Cale, sweepstakes runner-up.

The 14th annual show of the **NORTH SHORE AVS** was held in a busy shopping center. Mrs. Charles Craig was show chairman. Three workshop demonstrations, conducted by Miss Dorothy Hutchinson and Mrs. Charles Craig, drew large and interested audience. Winners were: Queen of Show, "Lillian Jarrett," Bay State Rosette, Mrs. Freeman Rines; Queen runner-up "Tommie Lou," Leslie St. Lawrence; Junior Queen, "Sea Grape," Mrs. George Byrne. Queen runner-up, "Mint Marble," AVSA Gold Rosette for "Lullaby," "Charm Song," "Sweetheart Blue," best unusual container award, best artistic award, best arrangement, Mrs. Charles Craig; Novice Queen, "Red Lollipop," runner-up to Queen, "Red and Gold," Mrs. Herbert Cole; best window-grown plant, "Sweetheart Blue," Miss Dorothy Hutchinson; The Mass. Dept. of Agriculture Rosette, Mrs. Wm. Olsanoski.

SAN MATEO COUNTY AVS second annual show had as its theme "Carousel of Violets." Winners were: Queen of Show; best variegated and largest plant, "Wintry Night," Mrs. Al Balekian, who also won the President's Award of a large silver bowl; Princess, "Purple Gold," sweepstakes "Cream and Sugar," best semi-miniature "Bagdad," best grown gesneria, "Doll Baby," Mrs. Len Gamlin; Junior Princess "Blizzard," Mrs. Francis Poss; best collection of miniatures, Mrs. Richard Chase, Mrs. Muriel Warwick and Mrs. Oscar Balin; best artistic entry, Mrs. Chase; best unusual container, Miss Elizabeth Balin; best Constantinov hybrid, "Teaforan," Mrs. Harry Bribbon. Mrs. Oscar Balin was show chairman.

The **BELLFLOWER AVS** of Beliflower, California, was recently invited to participate in an Art, Crafts and Hobby Show at a Beliflower park. This show was designed to



VIOLETS IN ORBIT - Here's what the world of violets look like to the Long Island AVS in this space age as featured in their 15th annual show. The theme, "Violets in Orbit", designed by Freida Olsen, reflected the world over which was suspended a seven-foot space ship done in red, white and blue. Winners were: Queen of Show and largest blooming plant, "Double Black Cherry", Jean Johnson; runner-up and best white, "Evangeline", Grace Krumenacker; junior queen, "Ruby", runner-up "Sweetheart Blue", and best miniature "Pink Bud", Martha Tucker; Sweepstakes, best variegated, "Persian Jewel", Ed Janosick; smallest blooming plant "Dotty Blue", Florence Wineger; best single variety "Blue Chips", Frances Bermann; best Lyndon Lyon's variety, "Sweet Butterfly", Bea Boltz; best L. I. origination, "Swan Lake", runner-up in sweepstakes, Dorothy Galvanek; best gesneriad, "Early Bird", Jerry Steele; best arrangement with "Violets in Orbit", and sweepstakes in arrangements, Sunny Rosenfeld; second best arrangement "Milky Way", Edna Heagney. (Photo by John Bermann.)

AFRICAN VIOLET "HIPPIES" - The theme of the show held by the Los Angeles African Violet Society was "An African Violet Happening Happening", and John Gutridge, staging chairman, made all of the fascinating hippie-creatures with their long hair and elegant violet hats which presided over each of the specimen plant tables. Queen of Show, "Tommie Lou", which also won Tri-Color, Calif. So. Council rosette for "Shyann", Mrs. Mabel Gutridge; Queen runner-up, "Ann Slocumb", Helen Van Zele; AVSA Gold Rosette with "Delft Imperial", "June Hero", and "Easter Bonnet", Sweepstakes in both specimen and decorative classes, Mrs. Betty Weekes; best novice plant, Mildren Zumhoff; best in cup and saucer div., Faye Burgett; Tri-color for best theme arrangement, Helen Van Zele.



share ideas of arts, crafts and hobbies, and was a non-commercial show, sponsored by the Bellflower Department of Parks and Recreation. Mrs. Bernice Osborn served as chairman for AV society. There was a booth with many plants on display. There were about 2000 visitors during the two-day show, who saw African violets of different sizes, from small to very large. The plant that attracted the most attention was "Leawalla" and a ten-year-old plant of "Sky Blue Trainer" won a lot of comment.

The **LEVITTOWN AFRICAN VIOLET SOCIETY** held its little show in the Levittown Public Library community room. Rose Brecht, who brought a large number of blooming violets which were purchased by both club members and guests, won Queen of Show with "Luke," runner-up with "Clipper" and a special award for the theme. "Birthdays Through the Years," featured with a tiered birthday cake decorated with violets. Irene Moffatt won largest blooming plant award with her "Dorothy Gray" and Jackie Hesdorfer the smallest blooming plant trophy for "Perfection Blue." Other special awards went to Irene Moffatt for two rock gardens and to Dennis Fallon for his "Plants for Exhibition Only."

Antiques? Then make it your business to attend the AVSA convention in Milwaukee, April 16 - 18 and delight your heart!

HAINES CITY (FLORIDA) AVS show used the theme "Violets Through the Years" and was attended by hundreds of people in that area. Above, left to right, Mrs. Sue Cody, club president, holds one of the winning plants and Mrs. Steven Johnson displays one of the plants that won her the AVSA Gold Rosette award. Queen of Show was Mrs. J. I. Addison's "Wedgewood"; Special Award in Artistic Division went to Mrs. R. C. MacLaggan; Pink Rosette to Mrs. Cody and Mrs. S. C. Shorette in the arrangement division; Best Educational Exhibit staged by Mrs. Dora DiLorenzo.

SHOWS AND JUDGES

A. SHOW PROCEDURE

1. An African violet show should have the following committees: General Show, Staging, Schedule, Entries, Classification, Publicity, Judges, Hospitality, Clean-up, Properties.

B. GENERAL SHOW RULES

1. All varieties will be accepted in the specimen classes of the amateur division of all convention shows except the Society Award class, which is limited to the registered varieties.
2. A variety or plant which does not reproduce true should be disqualified from competition by the classification committee. It may be placed in the show for exhibition.
3. Take off points under condition for suckers. As a guideline, deduct 1 point for a tiny sucker, deduct more points if large enough to disfigure or mar the symmetry of the plant. If sucker is large or there is more than one, the entry should not receive any award.
4. Multiple crown exceptions in convention shows—
 - a. All exhibits entered in the amateur and commercial classes shall be single crown plants except those in the species classes.
 - b. Seedlings (never before exhibited at an AVSA Convention show) are to be grown from seed by the exhibitor or released rights given.
5. Pots or containers for specimen plants should be in proportion to the size of the plant.
6. Any shape of pots for specimen entries will be permitted in convention shows, but they must be uniformly covered. Members of Local show committees have the authority to make their own rules as to type of pots they will permit.
7. No flared top pots, supports or collars will be permitted under foliage.
8. "Commercial members shall not enter in amateur classes in Horticulture. They may enter in Artistic and Arrangement classes."
9. "In Arrangement section, some classes using fresh cut African violet blossoms with or without other cut plant material must be included. The schedule may also include classes in which only African violet foliage is featured with or without other plant foliage."
10. Plants for specimen classes, seedlings and those in unusual, novel or decorative containers must have been in the possession of the exhibitor at least three months.
11. The height, width and depth of niches for all designs must be stated in the schedule.
12. No colored lights which distort or enhance the color will be allowed on commercial displays at convention shows.
13. At convention shows, commercial and amateur exhibitors will be permitted to dismantle their displays after the show closes on Friday.

C. COMMERCIAL SHOW RULES

1. General: Same rules and regulations as for amateur entries apply where applicable, such as time for entries, time for dismantling, etc.
2. Specimen Plant Classes: Commercial Horticulture Division
 - a. Entries are open to all AVSA Commercial members who do not have a display table entry.
 - b. An exhibitor may enter any number of African violets, species or other gesneriads,

but only one plant of the same variety in this class.

- c. Any number of seedlings may be entered, provided they have been originated by the exhibitor or released rights given in writing.
3. Collection Class: Rules governing rosette awards apply.
 - a. Entries are open to all AVSA Commercial members who do not have a display table entry.
4. Display Tables
 - a. Entries are open to all AVSA Commercial members who do not have an entry in Commercial Horticulture Division.
 - b. Each display table shall contain not more than 25 plants. Three miniatures or semi-miniatures shall count as one specimen plant and be judged as one unit.
 - c. The display must be predominantly African violets. At least 75% must be African violets.
 - d. Other gesneriads may be included in the 25 plants and will be judged.
 - e. All plants must be single crown plants except species.
 - f. No other plant material such as Ivy or Philodendron may be used in decorating or staging the display.
 - g. Specimen plants will be merit judged by AVSA scale of points for specimen plants.
 - h. Each plant entered in competition for New Introduction award must be labeled designating it as such: new introduction, seedling, etc. These plants will be judged by AVSA scale for seedlings.
 - i. Entries for New Introduction award must have been originated by the exhibitor or released rights given in writing and not previously shown at an AVSA convention show.
 - j. The Best Staged Display shall be judged by the AVSA scale for Best Judged Display.
 - k. The Best Commercial Display shall be determined by the exhibitor who received the highest number of points accumulated as follows: Blue rosette, 15 points; red rosette, 13 points; white rosetts, 10 points; blue ribbon, 5 points; red ribbon, 3 points; white ribbon, 1 point.
 - l. Sheets will be prepared for judges to record points won and total to show how trophies are determined for Best Display Table.

D. DEFINITIONS

1. Amateur grower: One who grows African violets for pleasure and not as a business. Also may be known as one who pays individual membership dues.
2. Commercial grower: One who qualifies for commercial membership as defined in the by-laws.
3. Disbud: to remove bud or bud stems in order to hold back the blossoms opening until a later period, such as at exhibition time. Clip buds one-fourth inch from main stem to eliminate damage to new buds forming.
4. Disqualify: to remove an entry from consideration of the judges because of some defect which is exhibitor's fault or did not conform to the schedule. When time permits, the reason for disqualification should be written on a card and placed by the entry.

5. Eliminate: to remove an entry from consideration by the judges which for some reason (disease, etc.) would have little chance to win an award.
6. Miniature plant: The average size mature plant may be up to 6 inches across; blossoms can be any size, foliage small. They are prolific bloomers producing 6-20 blossoms per plant.
7. Semi-miniature plant: The average size mature plant may be up to 8 inches across; leaf and blossom size optional, may be large or small. Prolific bloomers, 6-20 flowers per plant.
8. Sucker: The beginning of a new plant which forms near the base of a plant or in the axils where the petioles join the main stem of the plant. Some bud stems form with small leaves, but by the time four leaves show without evidence of a bud, it is a sucker.
9. Two-tone: Light and dark values of the same color.
10. Geneva varieties: Only those with white edge around the blossom.
11. Multicolored blossoms: those with two or more colors.

E. JUDGING POLICY

1. Three judges should serve in each panel or group of judges.
2. In judging specimen plants, no special consideration will be given any particular method of lighting used in their culture.
3. Buds are not considered as blossoms in judging a specimen plant.
4. Points necessary to win ribbons (according to Scale of Points)
 - a. Blue ribbon 90-100 points
 - b. Red ribbon 80-89 points
 - c. White ribbon 70-79 points
 - d. Honorable mention 65-69 points
5. In case of a tie on blue ribbons for sweepstakes, count points as follows: Blue ribbon, 3 points; Red ribbon, 2 points; White ribbon, 1 point.
6. The scale of points used to judge specimen plants in the commercial division will be the same as that used for the specimen plants in the amateur division for National shows.

F. SOCIETY AWARDS

Rules Governing Gold and Purple Rosette Awards.

1. The A.V.S.A. Gold Rosette may be given to the best collection of African violets exhibited in the commercial and amateur classes in the annual convention show or in an African violet show staged by an Affiliated organization. Each plant must score 90-100 points.
2. The AVSA Purple Rosette may be given to the second best collection. Each plant must score 90 or more points.
3. A collection shall comprise three different registered varieties.
4. An exhibitor is permitted only one collection as an entry in this class. These collections shall be exhibited in a separate class in the show.
5. Each plant must be point scored.
6. These plants are eligible for any other special awards. The ribbon each plant is worthy to receive will be placed on the plant in the Gold & Purple Rosette Class. These ribbon will be counted toward sweepstakes.
7. All exhibitors entering plants in the class for these awards must present their African Violet Society of America membership cards as evidence they are members in good standing.

8. The entire horticulture division of the show shall be judged by qualified African Violet Society of America judges who shall show their A.V.S.A. membership card and judges certificate as evidence they are members in good standing. Three judges shall be required to judge entries for these awards.
9. "Any Affiliated Organization may apply, once during the calendar year from January 1 to December 31 inclusive, for one set of these awards for amateur exhibitors and one set of these awards for Commercial exhibitors. These awards are available for shows sponsored by any affiliated organization or for shows jointly sponsored by two or more affiliated organizations. These awards are not available for shows if any joint sponsor is not affiliated, or if the same organization is included singly and/or jointly more than once during the year."
10. AVSA Affiliated Chapters Chairman must be notified 30 days in advance of the local show that the Affiliated Organization requesting these awards is conforming to AVSA requirements.
11. Two schedules must accompany the application for the awards.
12. The panel of judges shall select one of its members to return the judge's score sheets (whether or not the Rosettes are awarded) to Affiliated Chapters Chairman immediately after the show, with the names of exhibitors and names of varieties.
13. If Rosettes are not awarded, they shall be returned by the show chairman within one week after the close of the show or a penalty of \$2.00 will be charged.

Blue Rosette-Standard Show Achievement Award.

1. A special Blue Rosette will be awarded at each AVSA convention to the Affiliated Organizations that have won the Green Rosette with at least 95 points during the calendar year from January 1 to December 31 inclusive.
2. The list of Affiliated Organizations winning this award shall be supplied by the Affiliated Chapters Chairman to the Awards Chairman not later than March 1st.

AVSA Sweepstakes Award for Council, State or Region Shows.

1. Blue ribbons in both horticulture and design classes shall be counted to determine this sweepstakes award.
2. An award in silver, polished pewter or other suitable material, not to exceed seven dollars and fifty cents in value, shall be purchased by the Affiliated Chapters Chairman and sent to eligible organizations upon request for this award.

Rules Governing Green Rosette Award for Standard African Violet Shows

1. The local show chairman shall apply to the AVSA Affiliated Chapters chairman for a blank point score sheet for evaluating Standard African violet shows. Two schedules must accompany the application for the award. These schedules must be the same as the judges receive. One schedule must be mailed with the standard show evaluation sheet which the judge's mail to the Affiliated Chapters Chairman.
2. The entire show shall be judged according to the AVSA Standard Show scale of points which includes specimens, seedlings, artistic and arrangement classes and plants in unusual containers. Only qualified AVSA judges are eligible to judge the specimen classes including the judging of all special awards which may be

given. National Council judges are permitted to judge arrangement and artistic classes, but it is not compulsory. They may also help in judging for the Standard Show Award. The show may be judged by either merit or competitive method of judging.

3. Judges shall be supplied with the number of members exhibiting, total number of horticultural, arrangement and artistic entries, also the total membership of the group. Two-thirds of the total number of entries must be from the specimen classes.
4. After the judges evaluate the show, the blank will be mailed by one of the judges to the AVSA Affiliated Chapters chairman, regardless of the score. This judge shall also be appointed for clerical correctness of the form, who will be responsible in case of error. If the score reaches 90 points or above, the award will then be mailed to the local show chairman. The results of the evaluation sheet shall be sole property of the AVSA Affiliated Chapters chairman.
5. An Affiliated Organization may apply once during the calendar year of January 1st to December 31st inclusive for this award.

G. SCALES OF POINTS (a scale of points allows exhibitors and judges to work from the same standard and secures greater uniformity in judging.)

1. Specimen plants
 - Leaf pattern or form (Symmetry of plant) . . . 30
 - Floriferousness (Quantity of bloom according to variety) 25
 - Condition (Cultural perfection; freedom from disease, insects and marred foliage) 20
 - Size of bloom (According to variety) 15
 - Color of bloom (According to variety) 10
 - 100

In order to help judges estimate points, the following information is given to better evaluate the number of points to take off. This is a guideline.

Under floriferousness - 1¼ points deducted per blossom for plants not having enough blossoms according to size of plant.

Condition - deduct points on the following: marred - broken or damaged leaves; 1 point each. Seed pods - 1 point each. Over and under potting 3 points each.

2. Seedlings, Sports and Mutants
 - Leaf pattern 20 points
 - Floriferousness (Buds count if large enough to show color). 25 points
 - Size of bloom (medium to large) 15 points
 - Condition 10 points
 - Color of blossoms 10 points
 - Improvement or different from any named variety 20 points
 - 100

3. Artistic classes
 - A. Plantings:
 - Naturalistic or Woodland scenes Terrariums, Dish Gardens, etc.
 - Design and arrangement of planting . . . 40
 - Suitability of materials 25
 - Condition 15
 - Color combination 10
 - Distinction 10
 - 100
 - B. Plants in Unusual, Novel or Decorative containers.

Leaf pattern or Form	25
Floriferousness	20
Condition	15
Size of bloom	15
Color of bloom	10
Relation to Container	15
<u>100</u>	

4. African violet arrangements
 - Design 35
 - Color combination 20
 - Distinction and Originality 15
 - Relation to container 10
 - Condition 10
 - Suitability of combination of all material . . . 10
 - 100
5. Yearbooks
 - Program Material 45
 - 1. Culture (3 requested of 10 subjects covered on environmental factors) 9
 - 2. Propagation 9
 - 3. Artistic, Arrangements or Decorative container classes (one required) 9
 - 4. Shows - (slide or magazine review, show preparation, and A.V. tours; one required) . 9
 - 5. Judging (Judging discussion of specimen required, artistic, arrangements and decorative container classes) 9

- Arrangements of Materials 25
- Members names and addresses 4
- National officers 4
- Club officers 4
- Club committees 4
- Bylaws 5
- Projects 4
- Material may be arranged in any order. Bylaws may be attached in the back of the book without being a part of the book.

- Cover 15
- Design 5
- Club name 5
- Town 2
- State 2
- Year 1

- Artistic Value 15
- Beauty 9
- Neatness 6

The maximum size for yearbooks will be 5½ by 8½ inches.

All yearbooks disqualified if exceed required size. If one program covers more than one subject, it should be printed under the topics for monthly programs.

Only Affiliated Organizations will be eligible to receive Convention yearbook awards given by the Society Library.

6. Standard Show
 - Theme - Motif (originality, suitability, clear and specific schedule) 10
 - Staging 20
 - Originality 7
 - Practicality 5
 - (spacious displays, wide aisles, legible signs, ample lighting)
 - Unity (uniformly covered containers, neatness, harmonious color and balance) 4
 - Beauty (outstanding view from entrance with eye appeal) . . . 4

Show Divisions	
Horticulture	30
Quality of specimens	10
Number of specimens	8
Chapters (average of 4 per person according to total membership)	
Councils, State Societies or Regional Group Societies (average of 2 specimens per person according to the organization's total membership)	
Correct and legible labeling	7
Percentage of club exhibiting (based on 2/3 of membership)	5
Flower Arrangements and Artistic Classes	20
Quality	8
Interpretation of schedule	7
Distinction and originality	5
Educational Display	10
National Objectives	10
National Entries	5
Gold Rosette (if awarded)	3
Purple Rosette (if awarded)	2
	<hr/> 100

7. Best Staged Exhibit, Commercial Division of Show	
Originality	35
Practicality	25
(Spacious displays, signs, ample lighting)	
Unity	20
(Uniformly covered containers, neatness, harmonious color and balance)	
Beauty	20
(Outstanding view from approach with eye appeal)	
	<hr/> 100

H. JUDGING SCHOOLS

- Judging schools will be held in any section where there is sufficient interest provided a qualified AVSA teacher can be secured to teach the class.
- Rules for local Chairmen of Judging Schools
 - Each group holding a judging school will have a local chairman whose duties will be complete supervision of the school regarding time, location, registration fee charged and expenses, and any other arrangements necessary for the school.
 - The local chairman will send to the AVSA Chairman of Shows and Judges for application blanks on which to register the school. The school must be registered with the National Chairman for at least two months from date the application is received. No judging school will be approved for enrollment of less than 5 AVSA members.
 - The Society recommends that the course and examination be held on different days. However, if not possible, allow a study period before the examination is held. At the close of the class each student will fill out an evaluation sheet of the teacher. The local chairman shall mail the evaluation sheets to the National Chairman. The examination must be held within one week after the class is taught.
 - If the local chairman takes the examination, someone else should be secured to proctor the examination and mail the papers to the teacher.
 - The expenses which shall be paid by the local group shall include the teacher's fee, travel

and hotel expenses. Also reimbursement to teacher for printing examination questions, point score sheets and mailing examination papers to student.

I. JUDGES

- The Society will hold a course for qualifying judges at each National convention.
- Only AVSA members are eligible to hold a qualified judging school certificate.
- To be eligible for a judge's certificate a student must:
 - Make a grade of 70 or above on the written examination
 - Point score judges 3 African violet plants as part of the examination
 - Present to the teacher their membership card showing they are AVSA members in good standing.
- Judge's certificates expire 3 years from the date issued, or automatically expire if they are not members in good standing. If AVSA membership is renewed within three months they will be eligible to resume judging.
- Certificates may be renewed by taking a judging school course at any National convention or local school approved by National. To become Lifetime Judges see requirements for such certificates.
- Judges do not charge for judging shows, other than traveling and hotel expenses.

J. LIFETIME JUDGES

AVSA will issue Lifetime Judges Certificates to qualified judges who have observed the following rules and regulations.

- Shall have been a qualified AVSA judge for at least 6 years.
- Attended at least 3 judging courses approved by AVSA, making a grade of 85 or above on each of them.
- Judged 5 African violet shows sponsored by any local club, Affiliated organization or the convention show. At least 3 of the shows must be judged by panels.
- Shall keep informed of all new rules pertaining to shows and judges published in the African Violet Magazine or latest edition of the Judges Handbook.
- Shall always grow at least 50 plants consisting of at least 25 registered varieties.
- A judge whose certificate has expired may renew. After the renewed certificate has been effective for 1 year, such judge may apply for a lifetime judge certificate. Qualifications earned before the judge's certificate expired may be included when submitting qualifications for the lifetime certificate.
 - A fee of \$1.00 must be submitted to AVSA Shows and Judges Chairman for a set of questions with spaces for answers. The fee will cover printing and mailing expenses. Notice of application will be in September issue of THE AFRICAN VIOLET MAGAZINE. Answers must be mailed by November 1st of the current year for three consecutive years, after which answers will be required every third year. Passing grade of 93 will be required.
 - Lifetime Judges whose grades on review questions drop below the required 93 will be dropped as Lifetime Judges. They will be given one year in which to apply again with review questions and make a grade of 93. Should they fail a second time, they will go

- back to regular judge status and be required to attend a judging school every three years.
8. Upon receiving a grade of 93 on first review questions a permanent gold Lifetime Judge's certificate will be issued. Thereafter a regular judge's certificate will be issued showing the date the next questions will be due.
 9. If attending National conventions, they shall serve as judges or clerks if needed.
 10. When applying for Lifetime certificates, the following information must be submitted to the

AVSA Chairman of Shows and Judges:

- a. List of all AVSA judging school courses taken, grade, teacher, date, city and state of each class.
- b. Names of clubs of 5 shows judged, also dates, city and state.
- c. For each show judged (with the exception of convention shows) schedules, signed by local judges chairman, must be submitted.
- d. No information, schedules or other material will be returned unless a stamped envelope is sent.
- e. Lifetime judges certificates will be revoked if judges fail to follow the rules and requirements of the Society.
- f. All judges certificates automatically expire if judges are not members in good standing. If AVSA membership is renewed within three months they will be eligible to resume judging.

K. TEACHERS

1. Requirements
 - a. To be eligible for a teacher's certificate, an applicant must have:
 - (1.) Been an AVSA member for three years
 - (2.) Completed two judging school courses, making a grade of 90 or above on each
 - (3.) Served as qualified judge for at least 1 show during the year.
 - b. They shall compile a list of 25 questions and answers based on information in the Judges' Handbook. Answers are to be given in the applicant's own words with the exception of rules which may be quoted verbatim. When these requirements are satisfactorily completed, the National judging school committee will issue a teacher's certificate. If the Society sponsors classes for teachers, they shall attend if possible.
 - c. Teachers, except those holding Lifetime certificates, are required to renew their Judge's certificates every three years, maintaining a grade of 90 or above on each examination thereafter. AVSA judges certificates may be issued only for a judging school taught by a qualified AVSA teacher. The National committee may revoke a teacher's certificate if the rules of the Society are not followed.

- d. Teachers desiring to become Lifetime Judges will be required to meet the same qualifications as other Lifetime Judges.

2. Rules

- a. Upon receiving a request to teach a school, teachers must submit to the National chairman for approval, a complete set of the exact questions and answers in the order in which they will be given to the student, at least 3 weeks prior to the date of the class. There shall be 10 main questions with either 2-5-6 or 10 parts under at least 5 or 6 of the questions. A different set of questions must be submitted for each class.
- b. Teachers must check AVSA membership cards of every student taking courses and examination at each school held to ascertain if they are members in good standing. Students who are not AVSA may take the course but they will not be eligible to receive certificates.
- c. Teachers will give students a three hour course in lecture work plus the point score judging which will follow. Teachers will grade papers for each school. It is not necessary for the teacher to hold the examination, but she must point score judge the three plants which the students judge as part of the examination. Student point score judging will be at the close of the lecture period. If the local chairman serves as proctor of the examination, she will mail the examination papers to the teacher. Teachers may purchase the judge's score sheets at \$1.00 per 100 from the National Chairman.
- d. Teachers are permitted to charge a fee of \$15.00 to \$25.00 for each school taught in addition to travel and hotel expenses. Teachers shall also be reimbursed for point score sheets, printing of examination questions and mailing of examination papers to the students.
- e. When the school is approved, the National Chairman will send roster sheets to the teacher who will type a report in duplicate, listing in alphabetical order with a space between each, the names, addresses and grades of all students taking the examination including the students who do not receive a passing grade. The roster, point score sheets and examination papers of 3 students, one whose grade is 90 or above, one medium and one low grade shall be mailed to the National Chairman within three weeks after the class is held. The National Chairman will return the examination papers and judges certificates to the teacher, who shall mail them to the students within two weeks.
- f. A teachers certificate will be issued when their application is accepted, and will be in effect as long as all rules are observed.

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Hazardville, Connecticut 06036

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Highland, Indiana 46322

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Syracuse, New York 13215

ROSE KNOLL GARDENS
Mrs. Jeff Rhoades
Assumption, Illinois 62510

SCHMELLING'S AFRICAN VIOLETS
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Jamesville, New York 13078

SCHMELTZER'S VIOLET HOUSE
1811 N. Lincoln Street
Arlington, Virginia 22207

SCHOENKNECHT GREENHOUSES
Box 51
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MR. WILBUR N. SKILLMAN*
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Dallas, Texas 75228

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TINARI GREENHOUSES
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Huntingdon Valley, Pennsylvania 19006

TOKUICHI NAKADA
212 Yagibaru
Kitanakagusuku—Son
Okinawa

TONKADALE GREENHOUSES
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Longmeadow, Massachusetts 01106

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Duson, Louisiana 70529

THE VIOLET ROOM
c/o Mrs. Jean C. Dolan
168 Thimble Island Road
Stony Creek, Connecticut 06408

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San Francisco, California 94110

VOLKMANN BROS. GREENHOUSE
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THE WALKERS
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Luling, Texas 78648

WARDELL VIOLETS
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Poughkeepsie, New York 12603

WEST'S GREENHOUSES
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WEST WINDS AFRICAN VIOLETS
Myrtle C. & Clement A. Woodward
West Bare Hill Road
Harvard, Massachusetts 01451

WHITE CLOUD FARM
Route 3
Carthage, Missouri 64836

WILSON BROTHERS
Roachdale, Indiana 46172

OVERHEARD IN AN ORCHARD

Said the Robin to the Sparrow,
"I should really like to know
Why these anxious human beings
Rush about and worry so."
Said the Sparrow to the Robin,
"Friend, I think that it must be
That they have no Heavenly Father
Such as cares for you and me."

Frank Tinari, AVSA President, Improved

Frank Tinari, president of the African Violet Society of America, Inc., underwent thyroid surgery on August 20 and had a rather bad time of it. Now, however, we're happy to report as our magazine goes to press that he is continuing to improve and it's our hope that he will be completely recovered before too long.

Let's all go to the AVSA convention in Milwaukee —
April 16 - 18.

VIOLET PSALM

African Violets are my hobby; I
shall have no other.
They maketh me to lay down my mop
and broom
They restoreth my peace of mind
And leadeth me into strange places
More violets to find.
Yea, tho' I'm alone with my pots and soil
I feel no loneliness.
The snip of a sucker, and the turn of a plant,
they comfort me.
I prepare my plants on the shelf, sit and look
While my dish pan runneth over.
Surely I will have fertilizer in my cereal
for breakfast.
And I will dwell in the State of Confusion
forever.

Author Unknown

When you buy, buy the best. Select from items
advertised in the African Violet Magazine.

AFFILIATE ORGANIZATIONS

*Lizeta Tenney Hamilton, 675 Soldier Hill Road
Oradell, New Jersey 07649*

We have made every attempt possible through the column and through personal correspondence to procure the information needed for this listing - if the individual groups have not sent in the information we can not be responsible for omission. It is important that you (1) Send in information including executive officers each year on form provided with charter (2) and keep up to date each year through Mrs. Carey's and Mrs. Hamilton's columns.

In some instances, with information not available, the president's name and address will not appear, regretfully. The deadline for sending information for this listing is July 15th of each year.

Those groups with an asterisk opposite the affiliate's name designates 100% AVSA membership as reported by the organization.

We are indebted to John Gorzynski of Oradell, New Jersey, for the hours of interest and help he has given to this section of AVSA work.

We are proud of our regional, state, council and district affiliates and list them so that you can readily locate them under the respective states.

DIXIE AFRICAN VIOLET SOCIETY	.....	LISTED BEFORE ALABAMA
NORTHERN CALIFORNIA COUNCIL OF AFRICAN VIOLET SOCIETIES	.....	CALIFORNIA
AFRICAN VIOLET COUNCIL OF SOUTHERN CALIFORNIA	.....	CALIFORNIA
ROCKY MOUNTAIN AFRICAN VIOLET COUNCIL	.....	COLORADO
NUTMEG STATE AFRICAN VIOLET SOCIETY	.....	CONNECTICUT
ILLINOIS AFRICAN VIOLET SOCIETY, INC.	.....	ILLINOIS
AFRICAN VIOLET DISTRICT COUNCIL OF NORTHERN ILLINOIS	.....	ILLINOIS
INDIANA STATE AFRICAN VIOLET SOCIETY	.....	INDIANA
MAINE STATE AFRICAN VIOLET SOCIETY	.....	MAINE
MARYLAND STATE AFRICAN VIOLET SOCIETY	.....	MARYLAND
MICHIGAN STATE AFRICAN VIOLET SOCIETY	.....	MICHIGAN
BAY STATE AFRICAN VIOLET SOCIETY	.....	MASSACHUSETTS
AFRICAN VIOLET SOCIETY OF MINNESOTA AND UPPER MID-WEST AREA	.....	MINNESOTA
ST. LOUIS JUDGES' COUNCIL	.....	MISSOURI
NEW JERSEY COUNCIL OF AFRICAN VIOLET CLUBS	.....	NEW JERSEY
NEW JERSEY COUNCIL OF AFRICAN VIOLET JUDGES	.....	NEW JERSEY
NEW YORK STATE AFRICAN VIOLET SOCIETY	.....	NEW YORK
JUDGES COUNCIL OF NEW YORK STATE	.....	NEW YORK
POTOMAC COUNCIL OF AFRICAN VIOLET JUDGES	VIRGINIA
WISCONSIN COUNCIL OF AFRICAN VIOLET CLUBS	WISCONSIN

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THE AFRICAN VIOLET SOCIETY OF MALAWI
Blantyre, Malawi,
Central Africa

THE SOUTH AFRICAN GLOXINIA, AFRICAN
VIOLET AND POT PLANT SOCIETY
Mr. H. Speckham, Chairman; c/o P. O. Box 153,
Pinetown Natal, South Africa

AUSTRALIA

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Moggill, Brisbane, Queensland

BAHAMAS

BAHAMAS AFRICAN VIOLET SOCIETY
Mr. Brian W. T. Brown, P. O. Box No. 104,
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ENGLAND

SAINTPAULIA AND HOUSEPLANT SOCIETY
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President; Chairman: R. W. Gilbert,
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STATEMENT OF CASH RECEIPTS AND DISBURSEMENTS AFRICAN VIOLET SOCIETY OF AMERICA, INC.

Year ended February 28, 1969

RECEIPTS

Memberships:

New\$9,418.00
Renewals31,775.95
Other3,187.60

\$44,381.55

Advertising7,585.79
Back issues724.65
Research2,959.84
Library rentals541.60
Plant registrations385.15
Variety lists257.24
Magazine advance sale435.00
Binders610.20
Guide books20.15
Booster fund1,662.25
Interest1,246.20
Jewelry1,968.00
Seals333.70
Conventions4,282.27
Miscellaneous127.75

23,139.79

TOTAL RECEIPTS 67,521.34

*EXCESS OF RECEIPTS OVER DISBURSEMENTS \$2,260.57

TREASURER'S NOTE:

Memberships dues paid in advance over prior years, Life Memberships fees (money held in reserve to service Life Members), Reserve for research - - Boyce Edens Research Funds contributions and Commercial Research income received during 1968 to 1969.

Total \$5,919.10
*Less: Excess of receipts over disbursements 2,260.57

Deficit, year ended February 28, 1969 \$3,658.53

From the audit by Ernst & Ernst, Accountants

DISBURSEMENTS

Magazine printing and
other expenses.39,419.40

Services and pay roll taxes13,377.71
Office supplies and expenses2,012.44
Variety lists252.83
Postage2,147.79
Conventions1,369.73
Rent1,543.32
Committee1,469.82
Binders529.35
Jewelry1,513.10
Auditing375.00
Payment on equipment loan:
Principal1,075.56
Interest10.01
Promotion58.10
Miscellaneous106.61

65,260.77

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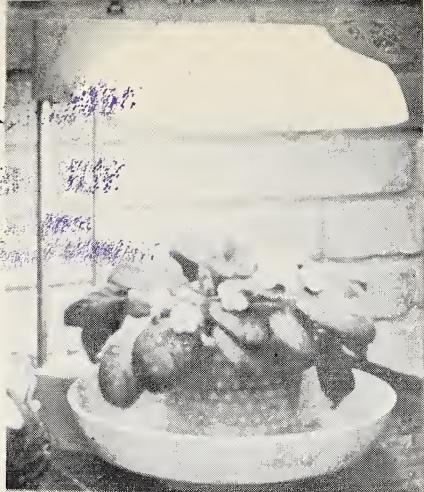
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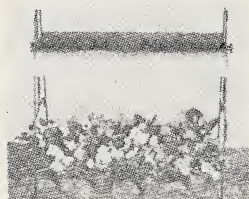
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Volume 23 Number 2 January, 1970

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The lovely arrangement on the cover page was done by Mrs. L. E. Rosenfeld of Flushing, N.Y., and depicts Edgar Allen Poe's poem, "The Raven." Mrs. Rosenfeld's arrangement received the Indianapolis African Violet Society's award of \$25 at the Philadelphia convention show.

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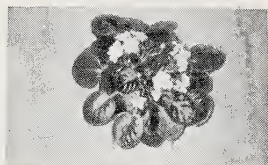
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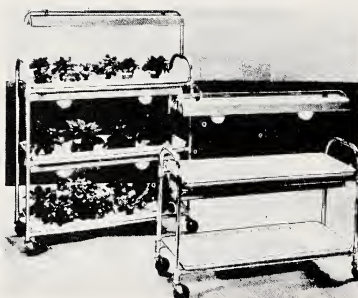
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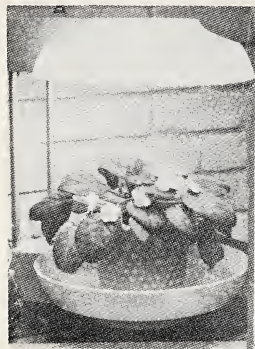
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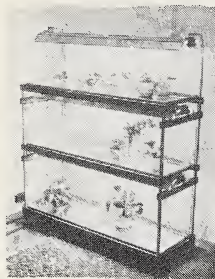
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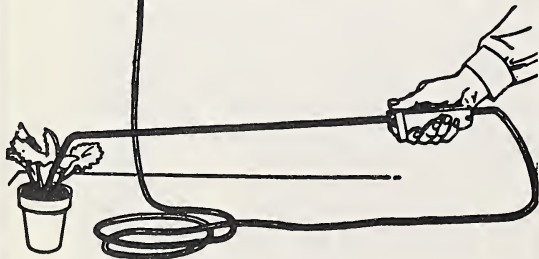
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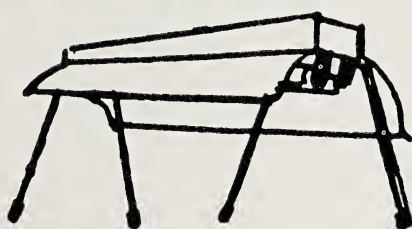
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AT WAR WITH THE AFRICAN VIOLET

By: Jane L. Hildebrandt
1919 West Henry Avenue
Milwaukee, Wisconsin 53221

It was on a Thursday, about 2:30 in the afternoon, when our combat first began. I was marching innocently along, having come downtown on a later-to-be-regretted (?????) shopping spree, when from out of the distance their appearance was made known. They were shooting their heads of purple, pink, blue and white out above elegant leaves of various shades of green. I tried to retreat, but soon realized it was too late. Their charms had made their invasion and by the time I had recovered, I found myself the owner of a small collection of African Violet plants. Our battle had begun.

A description of the beauty my living room table now imparted would be an impossibility. About every five minutes some unknown force compelled me to cease my daily duties and gaze in wonder at the elegance of their charms. But, do you know that in one entire hour, not one new leaf or dainty flower had blossomed forth. I immediately realized that the African Violet was one of the slowest growing plants in existence, with the possible exception of the century plant. (For really fast growth, give me Philodendron anytime.)

Realizing that my plants were not growing too rapidly, I decided that perhaps a bit of fertilizer would perk them up. Naturally, I purchased the finest and most potent plant food available. Now, as any mathematician (notice I didn't say horticulturist) knows, if one teaspoon of fertilizer is beneficial to a plant, then four teaspoons should provide four times as much nourishment. So, naturally any person (even me) could expect plants four times the usual size, with four times as many flowers that were four times bigger than an unfed plant. (Just think what eight teaspoons would do.) But, my plants just didn't seem to appreciate all those choice nutrients as more and more brown spots appeared on their leaves and eventually many of them passed on to non-existence. (Oh well, I always did like Philodendron.)

Now, I had it on the best authority, that to increase my collection, it was necessary only to place a few leaves in water, sit back and watch new plants come into sight. I decided to try my luck (all bad, so far), and proceeded to take several leaves from each of my prized possessions. I patiently waited, but in two whole days, though, not a root or baby plant had put in an appearance. No doubt, I as-

sumed that those leaves were of a below par nature. So I followed the old maxim that "if at first you don't succeed, try, try, again", and I, too tried again. This time I waited much longer—three days. The resulting consequences were the same, however, as no new plants or even roots appeared. The third, fourth and fifth trials produced equally negative results. It was then that I came to the conclusion that the quickest method of acquiring new plants was to purchase them from a commercial grower. (I guess Philodendron is more my type—the clinging vine.)

One day, soon after the above-mentioned failures, I suddenly realized my plants had lost almost 75 per cent of their leaves. No doubt the plants had dehydrated due to lack of moisture. After all, weren't they my most prized possessions and hadn't I taken such wonderful care of them? I had faithfully provided them with water daily, but now that "Leaf Dehydration" had set in, some drastic measures had now become necessary. Knowing that this new "disease" had developed, I decided that water must be administered at least three times daily. But, evidently my endeavors weren't appreciated, as one by one, my plants began to resemble sleepy, weeping willow trees and slowly rotted away. Of course, I immediately registered a complaint with the City Water Department, but found them to be most unsympathetic. (Philodendron gets prettier by the minute.)

I threw out all my plants (or maybe the word *remains* is more appropriate) and vowed never again to let an African Violet cross my path. All went well and I settled down to normal living for several weeks. But, alas, when once again a shopping trip became necessary, some strange, compelling force took over my being. I ended up you know where, with you know what. An explanation is hardly necessary. The African Violet bug had again selected me as its victim. I now agree completely with those that firmly resolve that "History repeats itself". (Do you know anyone interested in receiving 37 Philodendron plants?)

A final word of advice. Whatever you do, beware of the deadly African Violet bug. It is so small that it is invisible to the naked eye. But its bite is extremely dangerous, often fatal. Once it has you in its grip, there is no escaping its empowering results. It will leave you with undone housework, rob you of hours of your valuable time and hang on with such force that it will be impossible to withdraw from its powerful grasp. Believe me, I know!!!

JUDGES! STAND UP AND BE COUNTED

Mrs. W. F. Anderson
360 Tulip Drive
St. Louis, Missouri 63119

We can understand constructive criticism. We can even understand destructive criticism because it shakes us up and forces us to re-evaluate our position. We can't understand perverse, *non*-criticism and should not be expected to tolerate it.

It is true that judging is an opinion but it must be an expert one. A judge must be objective. When someone is asked to judge, it is because his opinion is wanted. An individual who is afraid to stand up and be counted should not judge. An exhibitor who is not willing to risk a low score should not compete.

Teaching Program

Judging is, in effect, a teaching program. If it is not, the competition is meaningless. Students believe, what they are taught since their discrimination is generally less than the instructor's. Even if it is not, there is a psychological advantage enjoyed by the teacher. If the teaching is right, a good foundation is laid but if the teaching has flaws, the student builds a house on sand. A comment made on a show entry by a qualified judge is meant to be a guide line to help the exhibitor improve for future shows.

If judging is not a teaching program, the first man coming down the street could be invited in to pick the plant he likes best and the result could be used as the basis for awards. The judge is aware that the reason the public disagrees with the judge's choice is that the public judges on prejudice and emotion, an "I like" judgment based on visual impact. Judges evaluate by point scoring qualities according to standards of perfection. Judges supplement sight with informed opinion. The public misunderstands and often ignores those qualities expected by the violet hobbyist which often determine the winner.

Judges' Education

Judging school, self-training through reading, continued study, viewing shows and active competition in shows — all these are part of a judge's education. Invitations to judge and lecture are enjoyable and are another part of a judge's education and training.

Clubs can help by having seminars on judging, a series of programs devoted to judging and/or invited speakers who are known to be good judges. Some exhibitors take the attitude that ribbons are withheld for personal reasons. This is not the case. Judges do not know

who is exhibiting or whose plant is being judged.

Anyone who competed in sport knows the "butterflies in the stomach" feeling which is present just before any important contest. Athletes are not the only ones so afflicted.

To experience the same feeling, submit an entry to be judged in competition. The beginner may imagine that he is the only one who is worried about the judge's opinion. The beginner is not alone. Everyone who submits entries for criticism and judgement has somewhat that same feeling at every competition.

Judges' Reaction

Probably the outstanding difference between the beginner and the veteran exhibitor is the reaction made to the judgement on his entry. The newcomer may tend to accept completely whatever criticism a judge makes. The veteran may disagree partially or completely with the evaluation. He has noticed that different judges react according to their experience. The veteran may be anxious before competition but he tends to rely upon his own experience concerning what constitutes a good entry. More importantly, he has learned not to take personal affront to any adverse criticism made by a judge.

As competitors, let's take the judge's opinion (which we asked for) graciously rather than be offended by it. There is fun and excitement in competition. Ribbons and awards inflate the ego. Valuable friendships are made through violets. Relax and enjoy competition. If that isn't completely possible, at least remember that any appraisal made is "Only One Panel's Opinion" and try again next show.

NEW "ENTRY TAGS" FOR YOUR SHOW

New entry tags in purple ink with our official AVSA Emblem and heading plus "Affiliate Chapter Show" are now available at \$2.50 per 100 tags postpaid.

If you are planning a show, please consider using them to add prestige to your entries and to get the name of our society before the public.

Order from Mrs. William J. Krogman, membership and promotion chairman, 1325 Parkway Drive, Brookfield, Wis. 53005.

When you buy, buy the best. Select from items advertised in the African Violet Magazine.

She Finds Violets Growing In Ledges in East Africa

African violets growing wild must be a thrilling sight for Anne Stolberger in Tanzania, East Africa, who tells of finding them growing in ledges in the Usambara Mountains, overlooking the Masai steppes.

"They are usually in groups of two or three, rarely in flower, and have small incredibly hairy leaves . . . usually dark green," she says. "The tropical variety seem to use their leaves more than their roots to keep growing well . . . one of the first things that happens when a wild one is brought into the Banda (a little house with a proper roof and banana leaf and bamboo sides) is the shedding of these hairs, the leaves become shiny . . . and the second generations look quite like the hybrids.

Flower in Captivity

"Also in captivity they flower. They are a delicate pale mauve . . . some are almost double . . . (first generation very tight) . . . they hug under the leaves."

Up in the Usambara there are a lot of missions, according to Mrs. Stolberger, who related how the mission fathers collect the wild African violets.

"One of the Dutch fathers has in his possession a very rare white one," she says. "He found it on a ledge and practically killed himself trying to get it down, tightly folded in his robe and put on his head for safety as he climbed down the cliff.

"The natural companion for the violets are all forms of smaller varieties of fern . . . maidenhair, etc. . . . not really episcias which also grow wild. The violets like shale, more sun and grow in quite different areas and require (I find) quite different conditions to grow well. Possibly nearer than anything else are begonias (also wild varieties), but they need more water, but the same amount of shade."

Surge of Interest

Mrs. Stolberger pointed out that there is a new surge of interest in what Tanzanians are beginning to regard as their local flower.

"After all it was discovered here," Mrs. Stolberger explains, "and we grow it in almost

its purest form. America has done much to hybridize and perfect plants and colors unknown here."

There are no dealers or florists in her part of the country and according to Mrs. Stolberger "you have to be very keen indeed to have more than two varieties."

Mrs. Stolberger's interest in hybridized plants began when two old copies of the African Violet Magazine came into her possession. (She has yet to see African violets in color). She wrote the Knoxville address for AVSA membership information. In the meantime she has been requested to provide an article for the magazine concerning further experiences with the African violet in Africa.

IN MEMORIAM

The African Violet Society of Syracuse regretfully announces the loss of one of its most active members. Mr. Herbert Pontin, a member of the Syracuse club Board of Directors, a member of both AVSA and the New York State AVS, died Sept. 15 after undergoing open heart surgery. He entered 60 specimen plants in the Syracuse spring show and was awarded Best in Show as well as the Lucile Herrald Memorial trophy for the most blue ribbons in the entire show. He was dearly loved and will be greatly missed by all who knew him.

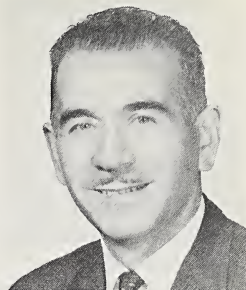
Homer Boltz was killed in a head on automobile collision on October 20, 1969. Mr. Boltz helped organize the AFRICAN VIOLET SOCIETY OF GREATER N. Y.; helped to organize and was a past president of the Long Island African Violet Society, a past president of New York State African Violet Society and was presently serving as vice president of The African Violet Society of Staten Island.

HELPFUL HINTS

Use plastic toothpicks to train leaves that are not evenly spaced.

Use plastic cocktail forks for lifting out seedlings for transplanting.

President's Letter



Dear Members:

Like a child with renewed faith, hope and inspiration we arrive at the threshold of another new year. We who originate, grow and nurture living plants are a most fortunate people. For us another year is more than the changing of the calendar. It is a God-given opportunity for new ideas, new explorations in the field of the ever fascinating art of horticulture and new hope for discovery in any facet of life that can benefit mankind.

With a fresh approach to the problems we face as a united society, I am happy to report some exciting news. Our membership is even increasing, we are more than 11,000 strong. Our 1968 convention in the city of "Brotherly Love" was indeed a huge success, not only in attendance, plant entries, etc., but in monetary funds as well.

The credit rests with each and every AVSA member who did even the minutest detail toward making it a success and yes, even those of you, who support us so faithfully and do not have the opportunity to attend, anxiously await the magazines full of news and pictures of happenings that occur. Without you there would be no convention, no AVS of America. We need each of you individually and in unity behind our efforts.

It has been my great privilege to witness the making of a film taken at the convention by a Philadelphian. Mr. Roy Bishop of Roy Productions, Inc., weaved together a fascinating story of how one small plant is entered in the show and the many events that occur during a convention meeting. Our heartfelt thanks to Mr. Bishop for doing such a wonderful job. Details of how it may be obtained for your club or chapter will appear elsewhere in the magazine.

I delight also in reporting that our Booster Fund is "blooming." We hope it shall benefit our membership in helping us to become the strongest plant society in existence.

Recently I was in attendance at the American Horticultural Congress as your representative. I came away after three wonderful days spent with some of the world's leading horticulturists, with many facts ringing in my ears. May they supply food for thought for each of you. We must recognize the fact we cannot exist without horticulture, therefore the urgent importance of learning something about it and passing it on to our children and future generations. The food we eat, the clothes we wear, the shelter we seek are the result of horticultural endeavors. Man is a creature of the earth. The earth is generous in its gifts if we know how to use them wisely. The science of growing things must not be lost. Great care must be exercised to preserve our soil, water and air. We must learn to abandon destruction and be more gentle with our resources, lest we perish from the earth.

Sincerely

Frank A. Tinari

SAINTPAULIA SPECIES AND I

Mrs. Glenn B. Hudson
761 Belvidere
Westfield, N.J. 07090

(ED. NOTE: This is the second of a series of articles concerning Saintpaulia Species. Photographs of some of the species are being supplied by Joan Van Zele, official AVSA photographer.)

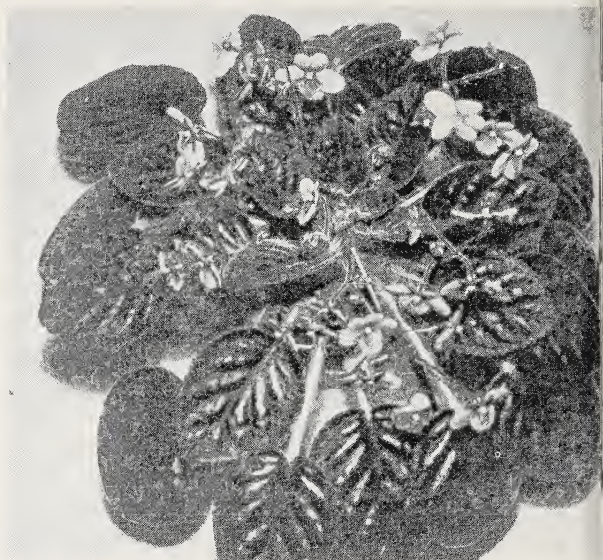
Saintpaulia (African Violet) Species

NOTE: S. is used as an abbreviation for Saintpaulia. The name of the botanist who classified the species and the date of classification are given. The flowers for all the Saintpaulia species are single and this information has not been repeated when describing the flower.



In the brief descriptions and comments which follow I have reported what the various species have done under my growing conditions. Please keep in mind that some of my descriptions, as to color of bloom, leaves and other growth characteristics may not be identical with what some other grower may have encountered. When I have had occasion to check my results, (leaves, bloom and growth) with books magazine articles and growers greenhouses, including Mr. B. L. Burt's collection at the Royal Botanic Garden, Edinburgh, Scotland, they have, on the whole, compared favorably. In some cases I have commented on whether, in my opinion the species grows best as a multiple crown plant rather than a single. Remember "Nature's Way" is multiple crown. All the Botanic Gardens I have visited do not grow the Saintpaulia species as a single crown plant. In the Botanic Garden the aim is to try to duplicate as nearly as possible the plant's habitat and growth, so their plants are left to develop multiple crowns.

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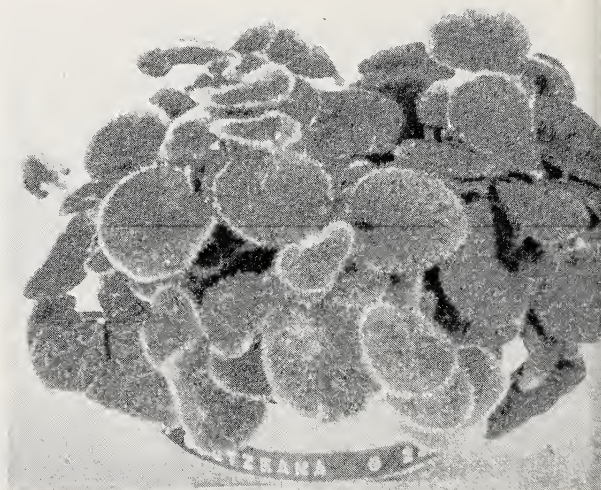
S. ionantha

S. ionantha

H. Wendland

1893

Upright single crown plant with long petioles. Leaves dark green, ovate, slightly pointed, mine have reddish reverse. Flowers medium blue, however some variants have colors ranging from pale lilac to very dark blue, 3 to 8 flowers per petiole. Considered to be a good bloomer. Mine never develop into large plants.



S. Goetzeana

S. goetzeana **Engler** **1900**

Small creeping type plant with branching stems and many crowns. Very small leaf with smooth edge and lighter reverse. Flowers are said to be lilac to nearly white. This plant is very difficult to grow and to the best of my knowledge there is no record of its ever blooming in the U.S.A. I grow mine in a terrarium but have to be very careful because of the shallow roots.



S. Grotei

S. grotei **Engler** **1921**

A vigorous trailer. Thin large round medium green leaf with brown veining on the reverse on flexible brown petioles. Flower blue violet with darker eye. When grown with multiple crowns, the bare stems of one crown are covered by the leaves of another to make a pleasing appearance. An unpredictable bloomer performing best in warm weather.



S. Diplotricha

S. diplotricha **B. L. Burt** **1947**

Small, flat rosette, single crown plant. Small thick textured dark green leaf with light reverse, leaf serrated and pointed. There are several strains, (I have grown six) in some, (Parker for one) the leaves tend to spoon and have a purplish reverse. Flower light blue to pale lilac, fairly floriferous. Beautiful. This is my favorite of the species.

S. orbicularis **B. L. Burt** **1947**

A very upright plant with tendency to branch. I have never been able to grow it successfully as a single crown. Leaves shiny, thin, small, round (some are cupped), with pale reverse (easily marked). Lovely small flower, pale blue to lilac with darker eye. A nice plant but as it grows older, some of the lower leaves die, leaving an unsightly stem.

S. tongwensis **B. L. Burt** **1947**

A single crown plant. Leaves are long and thick, smooth, scalloped, dark green with paler mid rib and veining. Flower, light blue, medium size and freely produced. One of my favorites and it does well for me.

S. magungensis **E. P. Roberts** **1950**

Compact multiple crown plant with creeping stems. Round small beautifully veined medium green leaves which tend to cup downward. Flower, medium blue with darker eye. Fair bloomer.

S. shumensis **B. L. Burt** **1955**

A miniature compact single crown plant that suckers badly. Leaves very small, round, shiny, bright green and hairy. Flower pale blue with darker eye. I consider 4 blooms at any one time normal as it is a shy bloomer.

S. confusa **B. L. Burt** **1956**

When *S. confusa* is grown as a single crown plant, the older plants lean to one side. Grown as a multiple crown plant, the side-wise growth of the several crowns fill in the gaps to form an attractive plant. Leaves are longer than wide and slightly pointed, thin, small, serrated, medium to light green. Flowers blue violet and 3 to 5 per peduncle. *S. confusa* was formerly called *S. kewensis*, then later *S. diplotricha* before being positively identified as *S. confusa* by Mr. Burt in 1956. A hardy plant but some what unpredictable as to bloom.

(To be continued)

Send in your
CONVENTION
RESERVATION
T O D A Y ! !

PLANTS AS AIR PURIFIERS

Saul Rich

*Plant Pathology and Botany
The Connecticut Agricultural
Experiment Station
P. O. Box 1106*

New Haven, Connecticut 06504

Plants provide us with food, shelter, clothing, and lovely landscapes. They also provide us with the breath of life. Plants purify the air.

First of all, what is air? Air is the mixture of gases which covers the earth. The air in which we can survive without special equipment is only the 6 to 8 miles of the atmosphere next to the earth. Compared to the 8,000-mile diameter of Earth, this vital layer of gases is only a thin skin at the boundary between the earth's surface and outer space.

Air is essential to us because it contains oxygen, a gas which we need for life and which we would think about only if it began to disappear. Where does this oxygen come from? Not from outer space or from the depths of the earth. Oxygen in the air comes from green plants, and only green plants.

Earth scientists tell us that there was no free oxygen in the atmosphere when the earth was formed. Although oxygen is our most abundant element, it combined with the hot, flowing rocks and metals that formed the earth, and with hydrogen to form water. No free oxygen remained in the primordial atmosphere.

Plants Evolve

For nearly the first 4 billion years of the earth's existence it was without life or atmospheric oxygen. The first successful life forms, which began to appear less than 1 billion years ago, must have been tiny microbes which could exist without free oxygen. From these anaerobic microbes, living in the waters of the earth, tiny plants evolved which could use the energy of the sun to change carbon dioxide and water into food, and release oxygen gas. Since oxygen is not very soluble in water, the gas bubbled up into the atmosphere. As plants became more numerous, the oxygen content of the atmosphere increased, allowing the development of life as we know it. The air that we breathe is about one-fifth oxygen gas, and plants are still our only source of atmospheric oxygen.

If the oxygen in the air came only from plants, we would suffocate when most of our vegetation closes up shop for the winter. Fortunately, great masses of air move up from the equator, down from the pole, and sweep across the oceans. The oceans, which occupy three-

fourths of the earth, teem with tiny green plants called phytoplankton. These tiny plants are so numerous that they supply a large portion of the oxygen entering our atmosphere. So plants elsewhere in the world still furnish our oxygen when our local vegetation appears frozen and lifeless.

Plants not only purify the air by supplying oxygen, but also by removing carbon dioxide. Carbon dioxide is a gas produced whenever we burn fuel for heat or energy, or incinerate our rubbish.

Scientists Alarmed

The tremendous amount of burning that we do to power our industrial nation has alarmed some scientists. They point out that putting too much carbon dioxide into our atmosphere may cause drastic changes in the earth's climate. What happens to the carbon dioxide? Our atmospheric carbon dioxide is kept in balance in two ways. The first is the combination of carbon dioxide with salts in the sea to become carbonates, and the second is its uptake by green plants which need this gas for photosynthesis.

It is an intriguing thought that an excess of carbon dioxide may increase our food supply. Crop scientists at The Connecticut Agricultural Experiment Station and at other laboratories have found that many plants grow better when given more carbon dioxide. Who knows, perhaps the extra carbon dioxide from industry may be helping to increase our agricultural productivity.

Where trees and other plants cover the land, their vast areas of leaves absorb and filter out large amounts of soot, dust, and other annoying particles floating in the air. Any particles that settle on the leaves are no longer in the air for us to breathe. Once on the leaves, the particles stick there and are washed down around the roots of the plants by the rains.

Green leaves also trap many of our gaseous air pollutants such as sulfur dioxide, ozone, and peroxyacetyl nitrate. Plants are injured when they take in too much of these pollutants, but they continue to absorb these toxic gases as long as functioning leaf tissue remains. The ability of plants to remove air pollutants

(Continued on Page 21)

A Preventive Miticide

Bernard D. Greeson
3548 North Cramer Street
Milwaukee, Wisconsin

Recently, I received an airmail special delivery letter from a desperate African Violet grower. The letter contained an order for a 12 ounce package of "African Violet Miticide" (P-40). Included was a familiar frantic appeal - - - "Please RUSH this order!! I think that my violets have mites!!"

Of course the order was rushed out to the customer—but there was considerable doubt in my mind that the correct insecticide had been sent. Had this writer elaborated more on the symptoms and possibly suggested that I send what I thought would be the best remedy, more than likely, "African Violet Miticide," would not have been sent. Instead, Kelthane or 50% Malathion would have been sent.

Why? Because if your violets are showing signs of mite infection, then it is probably too late for "African Violet Miticide." What is needed is an insecticide that will give an immediate result—an immediate "Kill." Kelthane and/or 50% Malathion will do just this — kill mites the minute it is applied to the plants.

All insecticides are relatively more or less preventive, but not all are immediately effective. In general, it would be correct to say that all spray-type insecticides are effective more quickly than Systemic insecticides. On the other hand, however, sprays are generally not effective for as long a time as are Systemics.

Insecticides Defined

To assure that all who read this article know what we mean by a "Systemic" and other terms we will use—let us digress for a moment to define these terms.

- (1) A Stomach poison or insecticide must be consumed by the insect. Many sprays are stomach poisons since the spray poisons the leaf surfaces and when this plant tissue is eaten by the insect it becomes poisoned.
- (2) Contact Insecticides are those which are applied so that adult pests, eggs, newly hatched insects and/or larva are killed by actual physical contact with the poison, or by absorption of the poison. Some Contact Insecticides lose their effectiveness as soon as they are dry on the plant structure. Others have some residual action and may remain effective for several months.
- (3) A Systemic Insecticide is a "stomach" poison which must be "eaten" by the

plant to be effective. Systemics are usually applied to the soil and must be taken into the plant through the root system and circulate through the plant vascular system. As a result, the plant juices and tissues become poisonous to the insect. Mites, thrips, and "above-ground" mealy bugs are sucking insects and a systemic poison is the best way of destroying these pests.

There are many disadvantages and advantages in the use of all of these types of insecticides. A systemic has the main advantage of being relatively easy to apply whether it be in dry form or a liquid. Most systemics do not become effective immediately upon application. Dry systemics, of course, take a longer time to be absorbed into the plant structure than do those in liquid form. Systemics are generally regarded as preventive in nature and action. This means that if your plants are already infected with mites or thrips, it may be too late to apply a systemic and expect good results.

Contact and stomach poisons which are applied as a spray, are for the most part effective immediately upon contact or soon after the plant is sprayed. This would be their main advantage. Such sprays, however, very often have disagreeable odors and with those that are extremely poisonous, it may be necessary to use a respirator mask while applying them. For those who have sinus trouble or respiratory problems, sprays are often toxic and may aggravate these health problems.

Examples of contact and/or stomach insecticides (some are both contact and stomach poisons which accounts for the fact that some are more residual than others) are Kelthane, 50% Malathion, Lindane, etc. This type of insecticide is best to use where plants are already infected. This is true because these pesticides are immediately effective but at the same time may be regarded as "Preventive" if used regularly.

Systemic Insecticides

Sodium Selenate compounds are very ef-

fective systemics. Formerly there were three main concentrations available. They were 99% Sodium Selenate, Sel Kaps (4% sodium selenate) and "F-40" (2% sodium selenate)

99% Sodium Selenate is a highly poisonous substance and must be handled with great care. It is available in bulk powder form and capsules. The capsule form is the only safe way to use this pesticide. It is mixed with water and plants are watered with the solution. Some growers depend upon regular selenation to protect their plants. As a preventive, selenation is highly effective, but as a "last ditch" effort to save already badly diseased plants, it is more often fatal than helpful to these plants. Too often, the plant root hairs are destroyed by the selenate because the poison burns the root system.

It certainly is always best to use an extra dilute solution and apply several times over a several week period, than to use a strong solution and run a chance of losing the plants.

"F-40" sold under the name of "African Violet Miticide" is the safest form of sodium selenate to use. It is the 2% selenate compound and is widely used by commercial growers and hobbyists. It is a stomach poison and a systemic insecticide. It should NOT be regarded as an IMMEDIATE remedy for mites and other sucking insects. It is not as imme-

diate in any sense of the word as Kelthane, yet, on the other hand, it will be effective for a much longer period once it is established in the plant structure or system.

2% Sodium Selenate

The 2% sodium selenate systemic insecticide is made by treating phosphate rock with a hot solution of sodium selenate carefully compounded to contain only 2% active ingredient selenate. It comes in granular to powder form and is usually green or blue-green in color.

When this mixture is applied to soils, it is dissolved slowly as plants are watered. The water is then taken in by the plant roots and travels up through the plant vascular system and becomes a part of the plant juices and tissues. When the accumulation of sodium selenate in the plant reaches a certain point, then insects such as mites and thrips sucking the plant juices are killed.

How To Apply

There are two methods of application of this miticide. One is to "scratch-in" to the top soil of already established plants. Using the following table, for different size pots, simply loosen the top soil and "scratch-in" the AV Miticide.

2 1/4" — 2 1/2" pots	a "pinch"
3"	1/32 tsp
4"	1/16 tsp
5"	1/8 tsp

It is a wise idea to stick pretty close to these recommendations. Many people are inclined to think that if a little will do good, more will do an even better job. This is not necessarily true.

Violets are very sensitive plants and the above recommended applications are for sensitive plants as determined by the manufacturer.

Scratch-In Method

Dosages such as are recommended are not likely to protect the plant beyond three months and should be reapplied at that interval. While the "scratch-in" method of application is excellent for plants already established, better results will be forthcoming where the insecticide is a part of the original soil mix. Whether you purchase your soil already mixed, or whether you "mix your own," it makes no difference — you can easily protect the plants potted in this soil by adding the miticide to the soil in the basket, pail or whatever you use to contain your potting mix.

The recommended dosage for potting soil is one 2 1/2" pot full to a bushel of soil. Be sure that you mix the soil and the miticide well so that it is evenly distributed throughout the soil mix. It is estimated that this proportion will give up to six months of protection. The



"I hope you can help my African violets"

(Reprinted from UNDER GLASS)

length of the period of protection will vary somewhat with the density of the soil, watering practice, and of particular importance is the matter of how well you have mixed the powder with the soil.

Precautions Listed

There are a few precautions which should be observed. They are as follows:

1. Discard old potting soil to which miticide has been added, in the garbage can . . . not on the garden.
2. Do not smoke or eat while using the miticide. Do not breath the dust. Keep out of the reach of children or pets. Wash hands and face well after using this miticide.

Preventive Program

A good "Combination Preventive Program" is as follows:

1. Add AV Miticide to all potting soil.
2. Use the "Scratch-in" method after six months.
3. Spray alternately every 3-4 weeks with Kelthane and 50% Malathion.

It is a disastrous experience to see your prize violets being destroyed by mites. Because it has not happened to you is no sign that it won't in the future. Sooner or later it is likely to happen to all growers.

To ASSURE that it won't happen to your plants, begin a preventive program today. A cure may be too late. But with a preventive program followed religiously, you are always ahead.

(Technical Editor Notes: Dr. Steu in his workshop at the Philadelphia convention pointed out his success with another systemic, Di-Syston. This was 100% effective against both cyclamen mite and short tailed mealy bug. This is the foliage mealy bug, not the soil mealy bug. It was effective when applied to either the plant directly as a spray to be absorbed by the plant tissues and become a systemic poison or when applied to the soil to be taken up by the roots. Most active translocation of systemics is upwards therefore application to the foliage produces more rapid effectiveness. When we consider how long the systemic action remains effective the reverse is true and the application to the soil works longer. While not questioning the effectiveness of sodium selenate as a systemic miticide on African Violets, Dr. Steu pointed out that it is no longer used in any other plant families because its poisonous effects are never destroyed, and any treated soil which finds its way into a vegetable garden becomes dangerous. The newer systemics such as Di-Syston

break down in 2 to 3 months and no longer constitute a hazard. For this reason they also have to be applied to plants more frequently.

Two other interesting points were made by Dr. Steu in his most excellent presentation. (1.) That a particular systemic may be 100% effective against a particular pest on one kind of plant and 100% ineffective against the same insect on another kind of plant. Only testing for a particular insect on a particular plant can prove its value for any specific purpose. (2.) V.C.-13 is not an effective nematocide. It does not kill root knot nematodes in African Violets. It never has and never will. His advice was to destroy all infected plants including the soil and put it in the garbage can for disposal away from your property. Use only pasteurized soil and let's hope his research produces an effective nematocide for our plants.)

PLANTS AS AIR PURIFIERS

(Continued from Page 18)

is one of the important reasons for preserving greenbelts in our cities and towns.

So far we have discussed the role of green plants as air purifiers. It is entirely possible that bacteria, which are also plants, may be keeping us from self-destruction by helping to remove carbon monoxide from the air.

Air Pollutant

Carbon monoxide is a poisonous gas produced by the incomplete burning of many fuels. It is the most abundant of all the poisonous pollutants resulting from man's activities. The tons of carbon monoxide spewn into the American atmosphere each year exceeds that of all the other air pollutants combined.

Carbon monoxide is relatively stable and only very slowly oxidizes to carbon dioxide. Still, in spite of the tremendous increase in yearly emission of carbon monoxide, there has been no accumulation of this toxic gas. Where does it all go? It is surprising, and somewhat frightening that no one is quite sure. Scientists at other laboratories have proposed that certain bacteria in the soil help to remove carbon monoxide from the air. If this be true, we are indeed indebted to tiny, unseen myriads of plants—the phytoplankton that replenish our oxygen supply and the bacteria that trap deadly carbon monoxide.

Reprint from "Frontiers of Plant Science"

When you buy, buy the best. Select from items advertised in the African Violet Magazine.

All THOSE in FAVOR ---- Say VIOLETS

*By Helen Van Zele
P. O. Box 843
Lemon Grove, Calif. 92045*

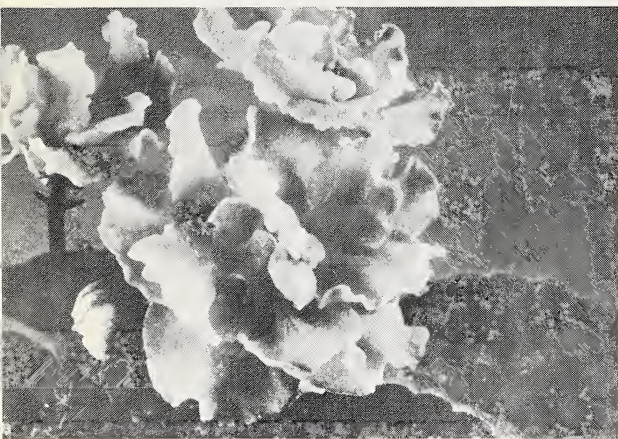
The vote is unanimous. No noes, of course, because more and more people are growing African violets and why not—with new varieties being constantly introduced interest is increasing; 271 new members last month and more magazines are asking for articles on African violets. They are to House Plant lovers what the Mets are to New York. The Jets, too, if Namath keeps in good form.

At the New York State convention, Lyndon Lyon's "Beau Bait" was the best new seedling. It is on the table beside me and because it had to be transferred to a smaller box due to a bit of an altercation with the stewardess — stewardesses lose their fixed smiles when boxes won't



Pink Panther

fit under the seats — some of the stems of flowers which stood up so high are flattened. Still it is a beautiful plant. The leaves are as pretty as the flowers for they are borne on very red stems, the red continuing up into the ribs on the reverse side and the tiny crown leaves show dots of red on the edges. The double flowers are a deep pink and the petals look as though they



Beau Bait



Pink Pansy



Gold Coast



Hand Painted

had been cut out with pinking shears. "Pink Pansy," another of Lyon's, is a bright pink double with darker shadings of pink toward the center. The foliage is dark green and quilted. "Pink Panther" somewhat resembles "Pink Pansy" but is a deeper pink.

Violet Frathel gives us "Hand Painted" and it is a beauty. The large red-lavender



Eye-ful



After Dark

blossoms have lines of pink scattered through the petals and the girl foliage is a shiny medium green.

Victor Constantinov's "Gold Coast" is new. The large semi-double to double flowers are pink edged with green; medium green holly foliage. "Eveleth" is a Richter introduction; a dainty pink double, very frilly with girl type foliage. "After Dark" and "Eye-ful" also are



Eveleth



Susan Leslie



Kaneland Beauty

Richter's. "After Dark" is a velvety purple double and "Eyeful's" rose pink double blooms stand high on long stiff stems. Both have glistening hairy foliage.

"Susan Leslie", registered by Fisher of Canada, is a rosy fuchsia double. Some of the petals are longer than others which adds to the interest, and the foliage is a pretty olive green.

Dates' "Kaneland Beauty" is a cute one. Some of the lavender fused with white petals of the single flowers stand up like wings, giving the plant a fly-away appearance: medium green foliage.

Vote aye on all of these lovely plants. Meeting adjourned.

(Black and white pictures by Joan.)

BEGINNER'S COLUMN

Mrs. J. A. W. (Ann) Richardson
RR #1, Box 70
Tavares, Fla. 32778

Propagation

Part of the fun of growing African violets is to propagate, i.e., start a new plant. This can be done in many ways and it is a challenge to eventually try all of them but this time I will tell you about the newest way only. Several of the large growers are using this method so it must be a satisfactory one.

Beg or buy a leaf or leaves, not too young nor too old. Cut the stem at about 1½" on the slant with a very sharp knife. Allow it to rest about an hour so it will form a callus and thus prevent rotting.

Meanwhile prepare a container to hold the leaf. It must be at least 3" tall and a little wider than the diameter of the leaf. Fill it with either:

2/3 damp peat moss plus 1/3 damp vermiculite; equal parts moist vermiculite and perlite; moist peat moss and sand, half

and half; moistened shredded sphagnum moss; plain moist peat moss.

to which you may add a small quantity of charcoal, the kind sold in tropical fish stores. Make sure that your material comes in clean polyethylene bags. Sand, of course, must be builders' sand, not from the seashore as the latter would have too much salt in it.

Take your leaf and bury all of the stem and one-third of the leaf. Pack the medium around the leaf firmly and make sure that the name of the variety stays with it. Put the container where it will get average light, not too sunny and not too dark. Keep moist with a weak solution of fertilizer.

Waiting Period

Now comes the hard part — waiting for 4 to 6 months for the little plantlets to come up. You must realize that before you get little plants the leaf must form a root system and the better and stronger the root system the better the plants will be. As long as the leaf

(Continued on Page 47)

→
"St. Louis Blues," an arrangement by Mrs. D. R. Gipson of St. Louis, Mo.



The Sporting Blue

By Lloyd Connel
2436 North Main
Tulsa, Okla. 74106



Mrs. Lloyd Connel

"Those things sure are ugly to be getting so much attention."

That was my first thought when I saw the three small African violets my son gave his mother. But I kept my thoughts to myself—and before very long all three were dead—overly watered.

But this was not the last of African violets at our house. The children gave her some more and she had better luck with them. They began to appear in all parts of the house. These were the days our children were in high school.

Then one day I came in from work and found three or four trays of African violets in the basement. The next morning as I started to work my wife asked if I could get the Home truck (I am superintendent of the Turley Children's Home) and help her haul some tables and lamps she had bought. In all innocence I suggested she take our station wagon!

Every afternoon when I arrived home the next week, she and another woman were unloading African violets from the back of the station wagon.

Imagine my surprise when I found she had bought a whole African violet house! So I got the truck and my sons and I began moving tables and lamps. We filled the basement and the garage—and there were still more violets!

My wife finally asked: "Do you think a table would look all right in the living room?"

"If you want to make a greenhouse out

of the living room, I guess it'll be all right," I replied. She could tell by the sound of my voice I wasn't too happy.

Then winter was almost around the corner. There was no heat in the garage. Saturdays found me running some gas pipe to it. Special wiring was also needed. We made the winter pretty well. Both cars stayed outside!

Sad Summer

When the winter was over, we moved tables outside in the shade of the trees. This didn't work out too well. More than one-third of the violets died. It was a sad summer for my wife. I realized something had to be done.

For several weeks I had been thinking about "our" problem. Yes, by that time I knew it was "ours"—"ours" in that I wanted the garage and my wife needed a place for her violets.

In September I made an announcement. "I am going to build you a greenhouse for your Christmas present," I said. She was overjoyed.

The greenhouse, 11 x 26 feet, was started. I really didn't realize what I had gotten into. I dug the foundation. My birthday is in October. I received an electric saw. How nice! Now the rafters were easier. I went to buy material and to my horror discovered the price of plastic material for the roof and siding!

But I managed. I bought windows from

some old houses being torn down. I managed the material and I don't know how many hours of labor. In fact, the greenhouse is now three years old and the labor has never stopped! Just today there was a new lamp to be put up.

December came. The greenhouse wasn't completed and I knew it wouldn't be ready on Christmas Day either. So, I just penned a poem to my wife and put it on the Christmas tree, telling her that "by sacrifice, nails and sweat, you'll get it in a week or two I bet."

The work went on and in January I announced the greenhouse was finished and she could move into it. What a time of rejoicing! Our house was emptied of African violets. So was the garage. Once more its giant door was opened and I could see inside. What a wonderful sight! The lawn mower, wheel barrow, water hose, step ladder, golf clubs (that I'd practically forgotten how to use) were all moved back in. Ah, now, I thought, that's what a garage is supposed to look like!

Job Finished

I heaved a sigh of relief. The job was finished. Once again I could have an hour of leisure, and evening to relax; a Saturday afternoon to watch a ball game on TV. It was good to dream.

And then the first cold spell hit. The temperature dropped to 40 in the greenhouse. Something had to be done. I discovered cracks, closed them, bought 50 feet of sheet plastic, and with the cold, north wind howling and blowing, my son and I covered the outside so that the greenhouse was air tight. I settled down for the winter, and before I know it, it was spring.

"Honey, the days are getting warmer and it's too hot in the greenhouse. Will you take the plastic off the outside so we can open some windows on the real warm days?" I grunted, wiggled in the platform rocker a time or two and went back to the task. Should I say an unending task? For since the greenhouse was "finished", I've built shelves, worked out a watering system, installed two different types of stoves, coated the roof (it was too light), made three louvers in the roof., installed special wiring, and a hundred and one other things.

Then one day my wife presented me with a Christmas list. On it was a request for a new shelf on which she could start new plants. She got it—a metal tray 22 feet long, 20 inches wide.

In the space of three years my thinking has undergone a change. I really believe I can see an African violet through my wife's eyes.

On the Christmas tree, I hung the follow-



ENJOYS GREENHOUSE -- Mrs. Lloyd Connel enjoys her greenhouse, built by her husband after her African violets had taken over the house and their garage.

ing poem, addressed to her:

THE SPORTING BLUE

To African violets there is no end,
For they multiply as temptation and sin.
In various rounded pots they squat,
With radiant colors the shelves they dot.

In all the innocence of golden hue
They multiply and sparkle as morning dew.
With out stretched arms as a little child,
They leave the impression they have no guile.

You try to turn away in triumph bold,
Only to discover you are in the fold.
In final efforts you strive to resist,
But soon you succumb to sweet violet's kiss.

With stretched arms she reaches for you,
And in panic you cry, "What can I do?"
It's then sweet love comes rushing through,
For you have been won by a sporting blue.

She read the poem, smiled, hugged my neck and exclaimed, "Honey, you are getting better all the time." I really do not know what she meant. Did she mean I was getting better at poetry or better as a full-time gardener and "fix-it" man in her world of African violets?

ADD CHARCOAL

Addition of charcoal to your African violet soil mix is very good if it does not contain charcoal. So says Edith Floyd in the Ozarks Gardens magazine. She adds that charcoal is a storehouse for valuable food elements that would ordinarily be lost if not stored to be used by the plant when needed. She says: "Try putting a bit of charcoal in the bottom of the pot. The roots for the plant will go deep and seek out and cling to the charcoal."



STARSPRAY (Above)

fischer Greenhouses

BLUE FROST (Below)



Send in Your Choices

Best Varieties List

Mrs. Ross V. Lahr
3559 E. Easter Ave.
Littleton, Colo. 80120

Have you often wondered which violets perform the very best? With limited room, which violets are most deserving of space? For answers to these questions, check the Best Varieties List, compiled from lists of favorite violets from individual AVSA members, from members of affiliated clubs and from commercial members.

Now is the time to send your 1970 choices of best performing violets, between now and April 1. Please don't put AVSA to the additional expense of asking for your lists by letter.

An individual is limited to a maximum of 25 choices. If one grows but a few, then the list of best performers will be short. A club is not limited in any way. Choices are made from the individual's own experience in growing.

Please check the spelling of the names of the varieties, include the name of the hybridizer, and please check to see that each plant is listed but once on an individual list. Would be fun to have a spelldown at a meeting. The varieties most often misspelled are Tommie Lou, Lilian Jarrett and Maisie Yalie. There is now a slide program 'Your Favorite Twenty Five' which makes an interesting program for the day all members bring their lists of favorites.

This is an 'African violets' only list. Please do not list the other gesneriads, just the saint-paulias. There is no way to translate into the compiled list 'listed in order of preference'. The committee is delighted for lists in alphabetical order, and for compiled club lists in alphabetical order. Just be sure that all the choices of each member are included in a compiled list.

Several hundred votes were received last year for varieties not listed in the Master List. If you are growing a violet not on the Master List, please send the name and a description of the plant and the name of the hybridizer to the Plant Registration Chairman, Adele Tretter.

Be sure the list you send bears your name and address. Should the list be the choices of a club, please be sure to state how many members voted, and how many votes each variety received, and please include the name of the club.

Who should send a list? Each and every AVSA member, each member of an affiliated

club, and each commercial member. Honor Roll varieties may be included.

Send your lists of 25 favorite violets before April 1, 1970, to the Best Varieties Compiler, Mrs. Ross V. Lahr, 3559 E. Easter Ave., Littleton, Colorado, 80120.

How about trying some new varieties?

The Language Of The Gavel

By Ann Richardson

Did you who own AVSA pins with gavel know that there is a language of the gavel? The angle of the gavel tells a story, as follows:

President-elect:



While in Office:



(as in use — rapping for order)

Past-President:



worn down, as at rest)

Some of the clubs in the South present their President-elect with the pin and gavel immediately after election so that she may wear her pin showing that she is President-elect and also during her presidency.

Your interest and your support are what keep your AVSA and its good work going.

Page 1

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VIPs Urge Rank and File To Participate in AVSA

By Anne Tinari
Tinari Greenhouses
2325 Valley Road
Huntingdon Valley, Pa. 19006

Dear Violet Friends:

The excitement of convention planning is here again!

'Tis said if you can't think of any new or original thoughts of your own, borrow some that have impressed you. So from our top three VIPs (phrase coined by my own Philadelphia club) one of our



President's favorite expressions is *PARTICIPATE*. Conventions are more meaningful and fun when you do this.

I heard on many occasions the warm and charming voice of our second VIP say "convention people are the greatest friendliest group. I love them all and want to meet and greet each and every one."

Our third VIP writes a column in her own state magazine entitled "Now Is The Time" and when she writes for the convention issues it makes you want to run to the nearest phone and call the airlines for reservations—so get in the mood and come, come, come to Milwaukee—and *PARTICIPATE*.

Q. My space for growing plants is rather limited. How close can they be grown successfully?

A. Never crowd plants together. You should allow free circulation of air between them.

Q. What are Symphyllids and how can I control them in my small greenhouse.

A. Symphyllids are a small jumping "lice." They give the appearance of small white centipedes, usually accumulating on the soil surface after watering. In your greenhouses they can be controlled by a solution of one teaspoonful of 25% Lindane wettable powder per one gallon of water and applied as a drench on pot top once a month.

Q. Every year during the hot summer months I am plagued in my little outdoors greenhouse (which by the way has a dirt floor) with what appears as slugs or snails. What is the difference and how do I get rid of these pests? They are so slimy.

A. Slugs you refer to are very similar to snails but lack the hard shell that snails possess. Slugs can cause great injury to leaves. You may have noticed small irregular holes chewed in the leaves, or another telltale sign

is the trail of slime secretions left behind when these pests are present.

There are many formulations which contain Metraldehyde on the market or at your garden store that are available for control. Each should be used with caution and in accordance to labeled directions.

Q. Can flowers be removed when the peduncle still has buds and nicely blooming flowers?

A. Yes, the part that is withering can be removed. Each flower as you note will have a little stem of its own.

Removing Flowers

Q. How should flowers be removed? Pulled, cut or pinched?

A. I prefer to pinch off the spent flower, although it can be cut. Pulling is not recommended as damage can be easily done to the very tender buds and partially opened blooms.

Q. Should spent flower stems be removed? I notice some of the flower stems begin to turn brown and wilt, no matter how I remove the flower.

A. When the blossoms are all spent the flower stem or stalk should be carefully removed. If some buds still remain, remove only the ones that are spent. Flower stems are usually strong enough that they can support the rest of the blossoms if the few spent ones are removed.

Q. Since I must use fluorescent lamps, I do have bunching of leaves on some plants and nice rosettes on other plants. What is the best book source of information on growing violets under lights? I feel I need to adjust the light distance in relation to heat, humidity and watering conditions.

A. For information on growing violets under lights you will notice some excellent articles in our magazine. There are so many good ones. May I suggest you get the African Violet Cumulative Index, Volume 11, No. 1 to Volume 21, No. 5. In the Index you will find seven recent up to date articles on fluorescent lighting written from peoples' personal experiences. Many of these back issues are no doubt available from the Knoxville office.

Q. I have been growing violets for years, but I am having trouble lately. The plants will be growing just fine, then all at once the crown will begin to turn an off color and the leaves will grow small and stunted. The blossoms dry up and are very brittle. Shapes of the leaves look like tubes. I have had some mealy

bugs on the plants, but I have treated them with alcohol and also sprayed insecticide but the leaves are still curling.

A. In regard to your problems you do not mention growing under lights, which if improperly used can cause hardening of the leaves and crown, brittleness and curling of foliage. Thus I assume you are growing under natural light and this condition under natural light generally suggests cyclamen mite affecting the plants. I would suggest you use an insecticide. Possibly the easiest to use would be Kelthane, 1 teaspoon to 1 gallon of water at least every 7 days for possibly three sprayings; then at least once a month to keep plants free of this common pest.

A 50% Malathion solution at the proportion of 1 teaspoon to 1 gallon of water at the same frequency is another insecticide that is very effective. This, too, would help the foliar mealy bug pest you refer to.

Rooting Leaves

Q. Would it be safe to use perlite over again for rooting leaves? I have used it once. The leaves became infested with nematodes, so I destroyed all of them. However, I have "baked" the perlite at 350 degrees for 1½ hours. Would this be sufficient to destroy any nematodes present?

A. I would definitely advise against using the perlite. For one thing perlite is a rather inexpensive material that can be easily replaced and, too, where nematodes are involved one can never be sure, regardless of sterilization to take chances on reoccurrence of infestation.

Q. I am in need of more information. Too often an author seems to have assumed that when they say "spray or dip" the reader will automatically know how this is to be done—whether to dip foliage only or the entire plant system! How often to repeat treatments and so on. A couple of hard trial-and-error lessons motivate my request for more specific information.

First, after finding a couple of what I took to be mites on my Saintpaulias I subjected the entire collection to an insecticide dipping. The next day I discovered that the growing tips of several plants were browned and dead. The flower, of course, went immediately after dipping, as expected. Even new buds are now lifeless. Not all the plants were so affected, and the dip was half-strength. The frequent references I have seen never mentioned the possibility of this plant damage. Is it to be expected, at least with some varieties?

Second, aside from the anticipated odor I discovered that the dip has left all the plants with a sticky residue which water will not re-

move. The dipping was done in a heavy plastic dishpan, and I am wondering whether the insecticide may have reacted with the plastic to form a kind of scum, or whether it simply leaves a residue.

A. In my own personal experiences with African violets I find dipping in any solution most undesirable. Spraying is by far the best proven way to applying insecticides. If it is necessary to control insects and pests in the soil, drenching would be most effective. This, of course, is done by thoroughly dissolving the proper proportions. In the case of Kelthane, 1 teaspoon to 1 gallon of water, and should be applied at the rim of the pot around edge until it seeps through to the pot-hole drainage.

Most labels on the materials we carry as insecticides say spray on. Both Kelthane and 50% Malathion specify this on their label. Both control mite and (foliar) mealy bugs. Both do leave a slight residue on foliage, but not enough to be visible for long. Your plastic container may have been the cause of excessive residue.

It is most wise to keep in effect a spraying program as a preventive rather than a cure; possibly using a fine sprayer or mister to apply insect control once a month or every 3 weeks. Even the Antrol Bomb, which contains pyrethrum and rotenone, is excellent. This comes out under pressure and one must be careful not to direct it toward plant center but spray from about 10" away.

Too Many Suckers

Q. After I gave up miniature violets I have tried the semi-minatures. The miniatures (besides other objections) used to sucker unmercifully and now I find that the semi's seem to have the same tendency.

I wonder whether there is something I do or do not do which causes this. It would seem that if this tendency were general, the labor cost of watching and removing suckers in growing African violets commercially, in order for you to offer single crown plants, would drive you out of business.

A. It is so characteristic of both miniatures and semi-minatures to have multiple crowns and suckers as you describe. For success many growers recommend a root feeding with every watering. Watering more often and sufficient light help to keep them in good growth pattern. We find them unsuitable for commercial growing due to excessive bunching.

Q. What is the best way to keep the leaves of my violets dust free? I have noticed in the past several months a fair majority of the leaves of my plants are curling down and occasionally I find a yellow looking weak leaf. Could you tell me what might possibly be the cause for

this condition?

Finally we are planning a long distance move to the East coast sometime early this summer. I am anxious to move my violets with me, if possible, but do not know what would be the best way to pack them for a 2 or 3 day trip.

A. There are several ways to keep leaves dust free. They can be brushed, of course, with a very soft camel's hair brush so as not to injure tender leaf surface. But a better way is to give them a good overhead watering with warm water at least once a week. However, when this is done they should be kept out of sun and light until dry. You may find it very convenient to do early in the morning so that they dry with the rising temperatures in the atmosphere or at evening time when sun and light are off plant and they will be dry before morning light enters.

If extreme light or sun penetrates the foliage when it is wet you will get leaf spotting. In regard to weak yellow leaves I would suggest removing the lower, outer leaves that lose their chlorophyll or are unsightly.

When packing plants which must be moved for a long distance it is wise to water them a day ahead. Then take quantities of florist wax paper (soft) and roll them as carefully as possible to consume less space and pack firmly so as not to jar them if loosely packed. This too, will preserve the moisture in plants for their long journey. Large brittle ones you may find difficult to pack in this manner. However, if enough perseverance is used, they can be rolled securely.

Q. Dear Anne: I can't understand why people think that African violets are hard to grow.

For what it is worth—we buy 9 oz. polystyrene cups for rooting leaves. These cups are hot and cold insulated. They come in bags of 50. We cut them in half, put two holes in the bottom. Through one hole we run a piece of nylon cord which has been tied on the inside so it won't slip through. This leaves a piece of cord on the inside about 1" long. The whole cord to begin with is cut 6" long. To these cups we add soil and leaf cutting. This is ready for wick watering. We buy these light aluminum turkey pans to use as trays. A piece of plywood with holes to hold the cups is placed on the turkey pans. Of course, these are made to fit each pan.

A. A little ingenuity can overcome many little tasks that seem enormous.

Let's all go to the AVSA convention in Milwaukee — April 16 - 18.

Your dues dollars are put to work for you in putting better color in the magazine and a better format of interest to all members.

Chapter Chatter

By Maisie Yakie

P. O. Box 674, Port Arthur, Texas 77640

The 13th annual African violet show of the **NEW JERSEY COUNCIL OF AVS** used the theme "The Garden State—Our Heritage—Our Future", with Glen B. Hudson as chairman and Mrs. Hudson as co-chairman. Awards were as follows: Best of Show, "Autumn Russet"; AVSA Gold Rosette, "Autumn Russet", "Tommie Lou" and "Strawberry Shortcake"; best pink, "Windjammer", Mrs. J. Steinkirchner; AVSA Sweepstakes, AVSA Purple Rosette, "Chanticleer", "Pink Riot", and "Lilac Dale"; best Gesneriad, "A. Pullobia", best Saintpaula species, "S. Nitida", Mrs. Hudson; best dark blue, "Mabel Dunston", Mrs. J. Kersztenyi; best light blue, "Blooming Fool", Best Var. Fol plant, "Picture Hat", Mrs. George Storrow; best red, "Glowing", Mrs. J. Fred Breaner; best two-tone, "Oradella", best miniature, "Frou Frou", Mrs. Walter Hunt; best white, "Clipper"; best semi-miniature, "Mary Bell", Mrs. Mebel Teada; best geneva, "Purple Choice"; best unnamed seedling or sport, Harold Black; best Sinningia, "S. Doll Baby", best primary cross, "Pygmy", Glen Hudson; educational table. Mr. and Mrs. Black. In the design division, Mrs. Edward J. Burns' entry "Thoughts of the Old World" was the best and it also received the tri-color. Mrs. Burns also entered the best arrangement, "Garden State Art Center."

In mid-September the Park Nurseries Inc., of St. Paul opened its showrooms for a fall African violet show sponsored by the **AVS OF MINNESOTA AND THE UPPER MIDWEST AREA**. Awards were: Best plant, "Lilian Jarrett", 4th place, "Giesella", Mrs. Sally Seifert; 2nd place, "Strawberry Shortcake", 5th place. "Orion", best arrangement, Mrs. Dora Baker; 3rd place, "Double Green", Mrs. Carolyn Fleisch.



- FEB. 12-14** Upper Pinellas AVS of Large, Fla., to hold annual show in community room of the Sunshine Mall in Clearwater, Fla. Theme, "Violets-n-Valentines".
- FEB. 14-15** African Violet Club of Greater Kansas City to hold annual show in Garden Center, 5200 Pennsylvania, Kansas City, Mo. 9 to 6 p.m.
- MAR. 7-8** First Austin African Violet Society to have show, "Violets for All Occasions," at Austin Area Garden Center. No admission charge. Plants will be sold. Mrs. R. L. Pritchett is chairman.
- MARCH 15** Omaha AVS to hold annual show, "Violet Treasures", at First Federal of Lincoln Homestead Center, 2101 So. 42nd Street, Omaha, Neb. 10 a.m. to 5 p.m.
- MAY 2-3** "Annual Violet Show Album" to be theme of 17th annual show of Metropolitan St. Louis AVS in Floral Display House at Missouri Botanical Garden. May 2, 2 to 6 p.m. May 3, 9 a.m. to 6 p.m.



Calling all MEN

(Editor's Note: Guess something has been started by these recent articles we've been having in the magazine about interest men are showing in African violets and about men's AV clubs. If you men have something to say, let's hear from you. Send your article to the Magazine Editor. Let's have a column in each issue devoted to MEN ONLY!)

H. O. (Bud) Feddersen, 1501 S. E. Tolman, Portland, Oregon 97202

The African violet wasn't new to us back in 1960 when we were first guests of the Portland African Violet Society, but our experience with them was very disheartening. I can see the reason for our mistakes at first as we only had the ones we had purchased from a local florist, you know, the ones with multiple crowns, which after the first spurt of blooms defied all efforts to get it to bloom again. We had even gone so far as to go out into the garden and get fresh dirt, not sterilizing or anything and transplanting the poor things into this pest-laden soil. We finally consented to go to a meeting with a friend of ours, and after a heartening tale of how easy they are to grow, we decided, my wife and I, that we would become members.

That was, perhaps, our first mistake. However, we became avid members, and after some pointers and suggestions, we transplanted our old violets in regular violet soil we purchased, at the dime store, but still nothing happened; no blossoms. They were finally discarded and other plants took their place.

The next meeting we attended we were given a leaf shower by the older members of the club. We were delighted. We ended up with approximately fifty leaves apiece, many of them duplicates. We went home and carefully placed them in water on our kitchen table, until we could find the time to plant them in a mixture of vermiculite, sponge-rok and soil. We didn't lose a single leaf and by the time the plantlets came up, we had erected a four-tier stand with twin four-foot lights on each tier. We had also bought new plants from some of the local growers.

It came time to pot the babies. We never threw a single one out, but planted them all and put the leaves back for more plants.

That was our second mistake. We soon had so many we didn't know what to do with them. As the club was having a plant sale in the fall, we saved them and donated them for this purpose. In the meantime, I had learned to

use file "13" for any that I felt did not grow to my expectations.

Stresses Point

The local club show was held in the spring, and as we felt none of our plants worthy to take, we left them home. However after seeing some of the plants that were entered, we knew that we had plants at home that were just as good if not better. But it was too late. I feel that it is important to stress this point to new members. We have since taken our plants to many shows and have won many awards and ribbons. We have become more and more involved with the Portland African Violet Society and have served on many committees, such as show, program and others. I have been president, and both my wife and I have been directors, and my wife a show chairman. We have participated on TV shows with other members of the club, and have had one TV show taped in our home, which has been shown several times in the past two years. It is quite rewarding.

Made Mistake

We have made our mistakes and have learned how to correct most of them. However, recently we met with a disaster. We have corrected both root and crown rot by proper watering. We have had powdery mildew and corrected it with acti dione. We had a wind-storm and were without heat for five days. It set our plants back and we lost one or two. However, last spring we received a shipment of new plants. They were examined upon arrival, were quarantined approximately a month before they were introduced to our collection. Some were set on the trays with ours, and others were in individual saucers.

After our summer activities, I decided our plants needed to be transplanted. The first few were done. I picked up another beautiful blooming plant, gorgeous foliage and good shape. I took it out of the pot, what I saw made

(Continued on Page 53)

Musings from the "Mini-Mam"



I hope you noticed that the title of the mimeographed list that we put out, and which you have requested by the bushels, is called "The *Incomplete* List of African Violet Miniatures and Semi-miniatures." Our reasoning was this: we knew that the status of some of these varieties

Mrs. Roy (Betty) Weekes
Chr. Miniature & Semi-Min. Class
1356 E. Cypress
Glendora, Cal. 91740

was going to change given enough time for opinion to jell and that others would qualify because you told us what you thought about their size. So dig out your copies and let's get them as up to date as possible before the spring shows. The backs of those pages weren't left blank without reason.

Here are the additions:

VARIETY	HYBRIDIZER	BLOOM	FOLIAGE
S-M Baby Sue (1966-67)	Madison	d. pure white	Tailored
M Blushing Bride (B1960)	Engardt	d. white, pink or orchid center	Girl
S-M *Carnival #1690 (1967)	Tinari	s. fuchsia heavy white edge	Slightly wavy
M *Casa Small #1568 (1965)	E. Kossen	s. raspberry pink, top petals small, lower petals large	Quilted, pointed
S-M Fire Sprite (1963)	Richter	d. red	Dark, Tailored
S-M La Rosa (1963)	Madison	d. large pink	Waxy, girl
S-M *Persian Treasure #1402 (1963)	Lanigan	d. pink tutone	Variegated, fluted, pointed
S-M *Pink Diamond #1835 (1967-68)	Tinari	s. vivid pink star slight white edge	Heart shaped
S-M Pinkette (1964)	Lyon	s-d pink stars	Fern green like shumensis
M Pink Tea (1963)	Lyon	d. purplish-pink	Wavy, dark
S-M Racy Peach (B1960)	Lyon	s-d lite pink or peach and white star	Plain
S-M Rainbow (1967-68)	Lyon	s-d multicolored lavender-red	Tailored
S-M Redderness Improved (1967-68)	Lyon	d. larger blooms like Redderness	Tailored, quilted
S-M Red Heart (1960)	Lyon	s. large white stars with red center star	Quilted, heartshaped
M Ruby Tips (1961)		s. orchid, darker tips	Finely cut lacey
S-M *Seven-Up #1774 (1967-68)	Kramer	s. white, green edge	Quilted, ruffled
S-M Small Talk (1962)	Luciano	d. tutone pink	Quilted, holly
M Snow Lace (B1960)		d. white	Scalloped, quilted
M Tinker Bell (B1960)	Fischer	s. red lavender geneva	Girl
S-M Tiny Bubbles (1967-68)	Frathel	d. deep kink	Tailored, variegated

CORRECTIONS

Here are the corrections:
Avalanche (Mulford) has notched, *girl* foliage
Bambino (Richter) is going into regular semi-

miniature class
Bergen Strawberry Sherbert is *Lucianos* and going into semi-miniatures

Bonnie Lassie (Moore) has had registration changed to semi-miniature and has quilted, girl foliage. (See Tretter column Sept. '69)

Clackamas Rattler is going into semi-miniature classification

Coral Satin (Tinari) has plain, *quilted, ovate* foliage

Demi Tasse (Annalee) is going into semi-miniature classification

Double Green (Lyon) is going into regular semi-miniature class

Fancy Pants (Lyon) is going into regular semi-miniature class

Ginny (Lyon) is going into regular miniature class

Jessie Cut Up is a single light *blue* and has cut pointed *girl* foliage

Little Aristocrat (Granger) has tailored, *dark* scalloped foliage

Little Cup Cake (Lanigan) is going into the regular semi-miniature class

Little Eva has a hybridizer (Maas)

Little Star (Lyon) is a clear single pink *star*

Mulberry Coquette has Eleanor Hodgkins for a hybridizer

My Sin (Lyon) has scooped, *spooned* foliage

Northern Peony has Reed for a hybridizer

Ping Pong (Lyon) has been declared a miniature

Redderness (Lyon) after much consideration, will be known as a semi-min. (Will accommodate those who grow it small and also the larger grown ones)

Sue Ann should be minus the "e" on Ann and the hybridizer's name is spelled De Sandis

Sunbonnet Baby has quilted pointed foliage

Tidy Tips has single white, *chartreuse* tipped blossoms

Tynamite has *small shiny* foliage

Window Lace has double pale *orchid* blossoms with dark tips

Sources of Supply

Many of you have asked where the little ones might be purchased so I'll list the special sources of supply that I know about.

Annalee Violetry (Leila Egenites) 29-50 214th Pl. Bayside, N.Y. lists "Miniatures Galore Largest Selections" and her list proves it.

Quality Violet House (Sue and Ted Feece) R #3, Box 947, Walkerton, Ind. 46574, has over half of their brochure filled with these varieties, many the "hard-to-find" ones.

Gaelic Gardens, 431 A Edgar Rd. Westfield, N. J. 07090 leaves only I believe.

Then of course the individual hybridizers carry their own — like Lyon, Madison Gardens, Jimmy Dates, Frathel, etc.

As you can see we've been doing quite a little work since last April, and since this copy had to be sent in the first of October for the January issue you can well imagine that there

is more to be fired at you at the first opportunity. The enthusiastic, grateful letters that many of you sent along with your orders for the list just about erased the memory of long hours spent on this project and make it all seem very worthwhile. Please don't stop now! We've got such a good beginning and such a dedicated committee. Keep the information coming on what you are growing and how they grow for you. One of these days we will have a really GOOD list.



MINNESOTA WINNER—Mrs. Charles Gregerson of the AVS OF MINNESOTA AND THE UPPER MIDWEST AREA, shows the AVSA Silver Bowl and many of the ribbons she won in the large show which included 374 entries and the following winners: AVSA Gold Rosette with "Delft Imperial", "Bloomin' Fool", "Sweetheart Blue", Queen of Show "Bloomin' Fool", Queen Attendants "Cavalier" and "Sweetheart Blue", Mrs. Gregerson; Queen Attendants "Candy Lips" and "Pied Piper", Mrs. Carolyn Fleisch; Best Single Blossom, "Blue Boy"; Best Artistic and Arrangement, Mrs. Muriel Pollach; Best Misc. Blossom "Rhapsodie Ruth", Mrs. Amy Lachner; Best Club Table, Carmen Club of St. Paul; Commercial Award, Park Nurseries of St. Paul.

Enter Yearbook In Competition

By *Lizeta Hamilton*
675 Soldier Hill Road
Oradell, New Jersey 07649



Mail your YEARBOOK for competition at the AVSA Convention and Show in Milwaukee, Wisconsin, to Mrs. W. F. Anderson, 360 Tulip Drive, St. Louis, Missouri 63119. Check the requirements in the November '68 magazine, page 53, Mrs. Carey's African Violet Handbook for Judges and Exhibitors

and the changes noted in the September magazine. The measurements may now be $5\frac{1}{2}$ X $8\frac{1}{2}$, but no larger. After Convention, yearbook entries become AVSA Library property. And while we are speaking of yearbooks, please do not forget that I appreciate copies sent to me — they are most helpful and of great service.

SHOW AWARDS should be requested not less than 30 days before your show. This means the request should be in our hands at least 30 days before your show with two show schedules. If YOU are late in making this request for awards enclose 60 cents for first class mailing to insure arrival for your show.

For those affiliates who held recent elections, be sure you have sent the form with names and addresses of the officers and other data. Your help is invaluable to this committee's efforts.

If you, dear AVSA member, are reading my column and wishing for a Society geographically near you, do write to me about forming such a group. We will gladly send suggestions and literature to help you.

And to those affiliates having had your first or second unjudged show, why not plan this year to have a standard show and request the AVSA awards? Again, I will be glad to help you.

If you have not paid your affiliation dues, do so this month, please. The work during the next six months is heavy and your cooperation is needed.

May this year of 1970 prove to be one of your best in service to others and in good health.

SWEEPSTAKE AWARDS

The following Societies have received the AVSA Sweepstake Award presented to the exhibitor winning the most blue ribbons in the entire show, horticulture and design divisions. This award is given Councils, Regional and State Societies.

NEW JERSEY COUNCIL OF AFRICAN VIOLET CLUBS, Mr. Glenn B. Hudson, President, Westfield, New Jersey, awarded to Mrs. Glenn B. Hudson.

NEW YORK STATE AFRICAN VIOLET SOCIETY, Mrs. Thomas Carey, President, Troy, New York, awarded to Mr. Gilbert Chiasson.

MARYLAND STATE AFRICAN VIOLET SOCIETY, Mrs. John R. Kern, Jr., President, Catonsville, Maryland, awarded to Mrs. John R. Kern, Jr.

NEW CHAPTERS

VENTURA COUNTY AFRICAN VIOLET SOCIETY, Mr. Davin Dichter, Founder and President 3280 San Luis Street Ventura, California 93003.

Violets Go To Library

By *Mrs. Mary Melcer*
Rt. Box 1652
Humble, Texas 77338

A library is a quiet place where you can sit and learn. This is exactly what we hope was the case at Lakewood Library in Houston, Texas.

The Northline African Violet Club, through a member Mrs. S. M. Kauffroth, was invited to give an informal program on the general culture and care of African violets. To help those in attendance desire to learn more about these beautiful house plants, Mrs. J. S. Berry, club treasurer and commercial violet grower, had brought all the things necessary to give a demonstration.

A leaf was removed from a plant to show how to root a plant leaf to get plants. She also brought a rooted clump of "Northline Beauty", a namesake of the club, to demonstrate how to remove a plantlet from a mother leaf.

After a brief explanation of pots, soil, fertilizer, etc., Mrs. Berry answered questions — All seemed eager to learn more.

On hand were plants in full bloom, brought by the club members, who also distributed cuttings and small plants to those attending. Some were also left in the library to allow visitors to watch them grow.

The club was invited to stage its 1970 spring flower show at Lakewood Library. It is hoped that those who took cuttings and plants will be able to enter them in the spring show.



Growing Plants Under Fluorescent Lights

Through continuous progress in the development of electric light sources it is now possible to grow plants in the home, or in business places, without the benefit of sunlight. Those who find pleasure or profit in growing plants of any kind, will find the fluorescent lamp a new tool to increase that pleasure or profit.

Recent discoveries concerning the influence of light on plants now make it possible to achieve desired results heretofore impossible. Both amateurs and professionals are now adopting fluorescent light culture and using new techniques to make indoor gardening a year around pleasure.

This article attempts to summarize the latest information available that will help plant growers to successfully use artificial light indoors to grow a great variety of plants in the absence of sunlight. The information contained in the following pages has been assembled from many sources including university bulletins, scientific papers, manufacturers' literature, and from the experience of many indoor gardeners in the St. Louis area.

Natural light has always been a limiting factor when growing plants indoors in the fall, winter, or early spring. This is due partly to the many periods of cloudy, murky weather which is often intensified by smoke, fog, mist, snow, and other air pollutions that reduce both light intensity and quality. It is also due to the extremely short days that occur in fall, winter, and early spring compared to the long days occurring in summer. Electric light, on the other hand, can be controlled and regulated to suit the particular plants grown and the quality and quantity of light can be provided for the desired day-length without daily variations.

Fluorescent light culture enables growers to produce seedlings of blooming plants in any suitable indoor growing area without the benefit of a greenhouse. Other important environmental conditions, such as temperature and

humidity, can be more easily controlled than out-of-doors or in a greenhouse. Apartment dwellers and those with limited window space can enjoy gardening the year around.

Fluorescent light is also very useful to supplement available natural light on the many dark days during winter and spring. It is especially helpful in starting bedding plants in the spring for later transplanting out-of-doors. Lights make it possible to grow delicate seedlings and root cuttings under more controlled conditions and thereby greatly increase chances for success.

This article is concerned mainly with the primary role of light in growing plants, that is, its role in photosynthesis. This is the term applied to the process by which all green plants use the radiant energy of visible light to combine carbon dioxide (from the air) and water to form sugars and starches for their growth and development.

Gardeners should also be aware of another important role of light which is referred to as "photoperiodism." This term describes the effect of the relative difference in the daily amount of light and darkness on the blooming time of some and also the many other special effects such as bulb and tuber formation, dormancy, etc. Additional information on this most interesting aspect of plant lighting will be discussed later in this article.

A third lesser important role of light is referred to as phototropism. This term is applied to the process that causes plants to grow (or bend) toward an area of high light intensity and away from an area of low intensity when it has a choice.

Light also plays other roles in plant growth and development such as seed germination, but this article will not treat this subject but be limited to those above.

Light intensity is measured in footcandles. The intensity of sunlight in the summertime often exceeds 10,000 footcandles. In midwinter, it may drop to 5,000 footcandles. On cloudy days, it may drop further to 1,000 or 2,000 footcandles and often is not more than 300 or 400 footcandles due to fog, smoke, haze, etc. In order to read a newspaper without eyestrain, a minimum of 50 footcandles is recommended.

The light intensity needed to grow plants under standard electric light sources is much higher than that required for reading, and it varies considerably with the kind of plant being grown. Many foliage plants such as the philodendrons, peperomias, sanseverias, diffenbachias, and brome lads, can be grown with very little light—probably in the range of 50 to 100 footcandles. On the other hand, most

flowering plants require much more light—in the range of 500 to 1500 footcandles. Some sun-loving plants such as geraniums, do well under electric lights with intensities as low as 600 footcandles when exposed to daily light periods of 15 to 18 hours which is much longer than natural winter day lengths.

Special fluorescent lamps are now being manufactured for growing plants. Since their radiations cannot be measured by standard light meters, it is now common practice to disregard light intensities in terms of footcandles. Instead, a definite number of lamp watts per square foot of growing area is recommended depending on the plants grown. The following are the general recommendations:

A. *For shade-loving plants* (African violets, gloxinias, episcias, foliage plants, etc.)—

10 watts of fluorescent lamps per square foot of growing area.

Example:—Two 40 watt four foot fluorescent lamps over an area 4 feet x 2 feet (8 sq. ft.)

—Lamps should be about 12 inches above plant's foliage.

B. *For plants of medium light requirements* (most house plants such as geraniums, begonias, etc.):—

—15 watts of fluorescent lamps per square foot of growing area.

Example:—three 40 watt fluorescent lamps over an area 4 feet x 2 feet.

C. *For plants requiring strong light* (plants normally grown out-of-doors or in a greenhouse such as chrysanthemums, carnations, roses, tomatoes, lettuce, etc.):—

—20 watts of fluorescent lamps per square foot of growing area.

Example:—four 40 watt lamps over 4 foot x 2 foot area.

D. *For growing seedlings and rooting cuttings:* Same as for A above (10 lamp watts per square ft.) Lamps should be 6 to 19 inches above seedlings or cuttings.

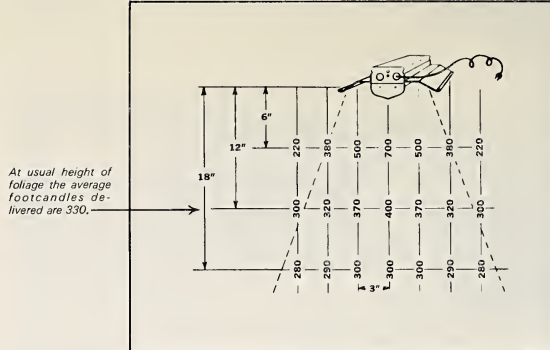
Note 1.—Always use good reflectors with all lamps, or, mount fluorescent strips or channels on plywood painted white.

Note 2.—Above recommendations are minimum. 48 inch fluorescent tubes in wattages higher than 40 watts are also available but must be used with special sockets and ballasts.

Note 3.—Fixtures and tubes longer than 48 inches and up to 96 inches are also available for plant growing setups.

Note 4.—Incandescent lamps may be combined with fluorescent lamps to provide the necessary lamp watts per square foot.

Note 5.—In general, except for shade-loving plants (Section A above), the stronger the light intensity, the better the



plant growth.

It may be noted that light intensity varies inversely with the square of distance. That is, if the light intensity is 600 footcandles one foot away from a point light source, it will be only $\frac{1}{4}$ of that amount or 150 footcandles at a distance of two feet away from the light source. The following diagram illustrates approximate footcandle values below a two lamp fluorescent fixture.

We are all familiar with the fact that visible white light is composed of all of the rainbow colors: violet, blue, green, yellow, orange, and red. Only this visible part of the electromagnetic spectrum is important to the growth of plants. The ultra-violet rays (that cause sunburn) are of little importance to plants, and are often harmful. Infra-red rays are the heat rays of light and act only to increase leaf temperature and are of no importance in photosynthesis.

Effect of Light Color on Growth. Scientific studies have revealed that plants utilize only certain portions of the spectral energy emission from natural sunlight during the photosynthetic process. This energy is largely in the blue and red portion of the spectrum. In general, red light causes plants to become tall and "leggy," whereas blue light, when used alone, causes low, stocky growth. A proper balance of both red and blue light produces plants that have normal growth and shape. Other growth responses, such as blooming, seed germination, tuberization, and dormancy, can be influenced by far-red radiation (730 mu).

Lamp Selection—Various conventional and special light sources have been evaluated for their ability to produce the desired growth responses of plants. A wide choice of fluorescent lamps has been found suitable. The most suitable of the conventional fluorescent lamps, however, is the cool white and the daylight tubes. A combination of these two lamps has also given very satisfactory results.

In the laboratories of several universities, it has been established that a mixture of fluorescent (rich in blue light) and incandescent (rich in red light) lamps gives better growth results than those produced by either alone. Combined lighting is best accompanied by supplying about 10% of the light intensity

with incandescent lamps. This is a ratio of about two fluorescent watts to each incandescent lamp watt.

During the past few years special fluorescent lamps have been designed specifically for growing plants and are being produced by the major lamp manufacturers. The greatest portion of their output energy is in the red and blue region of the spectrum. Experience indicates that when using these special horticultural lamps, satisfactory growth can be obtained without the use of supplemental light from incandescent lamps. These special growth lamps can be purchased under trade names, such as Gro-Lux, Gro-Lux Wide Spectrum (Sylvania), Plant-Gro (Westinghouse) and Plant Light (General Electric).

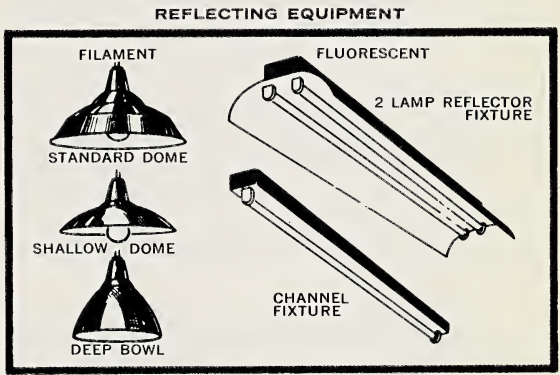
Fluorescent lamps are also available in various sizes, shapes, and wattages. Reflectorized fluorescent lamps can be obtained in the higher wattages, thus eliminating the need for reflectors attached to fixtures. These are of special value when used in a greenhouse to supplement daylight, since the fixtures cause a minimum amount of shade.

In addition to the standard lamp sizes (15, 20, 30 and 40 watts) higher wattage lamps may also be obtained in the 48 inch tube length and longer—up to 96 inches. These are known as high output (HO), very high output (VHO) power grove, power tubes, or super-hi output lamps. Panel fluorescent lamps, one foot square, can be obtained in two sizes. 55 and 80 watts, but only in the cool white.

Special Notes—A fluorescent lamp must at all times be connected to electrical supply lines through a specific ballast designed for it. The ballasts are usually prewired into the fixture designed for use with a particular lam size or type.

In spite of much professional debate and constant experimenting to try to produce a fluorescent tube (or other light source) that would grow *all plants* successfully, no manufacturer has yet succeeded in this task. However, each of the major manufacturers of lamps are hard at work in this effort and all are now marketing lamps that will grow most plants very successfully when properly used. There is no complete agreement as to which of these lamps, or combination of these lamps, are best. This is an understandable situation, upon reflection, because each plant, even those within the same genus, do not all have the same requirements for moisture, soil, fertilization, or light.

Much experimental work with light sources has been done by the U. S. Department of Agriculture and the various state colleges. The results of their work have been published in many places and are available to the general public.

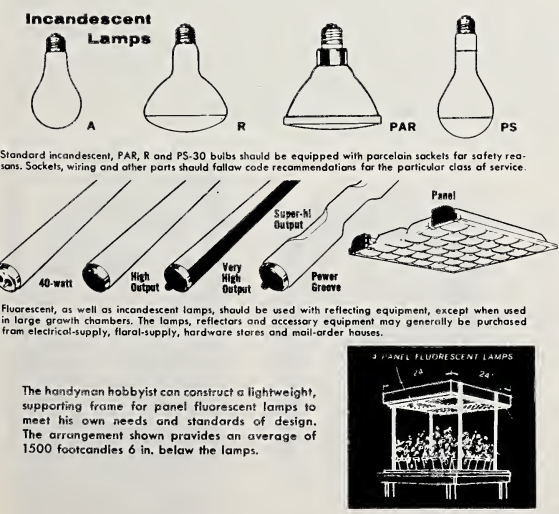


Industrial type fluorescent fixtures with either white enamel or white porcelain reflectors are most satisfactory. Unless there are special space or decorative problems, it is best to use two-tube, or four-tube fixtures that accommodate 48 inch long, 40 watt preheat or rapid start lamps. The two-tube fixtures are the most commonly used and inexpensive to buy.

If the growing space is 100 inches in length, two 48 inch fixtures placed end to end can be used or one fixture with 96 inch lamps. The longer and higher wattage fluorescent tubes are available for use in special fixtures.

Standard industrial and commercial fixtures are widely used by the hobbyist. Standard lamps should always be used in a reflector fixture. Strip or channel fixtures may be used with reflectorized fluorescent lamps. Only lamps of the same wattage are interchangeable in fluorescent fixtures. When ordering fixtures, they should be ordered for the particular lamps that are to be used in them.

When growing plants for vegetative



growth only (not for flowers), the number of hours of light needed each day will vary with the light intensity. Plant scientists have found that when light intensities are relatively strong (800 footcandles or more), the daily light periods can be as little as 12 to 14 hours for satisfactory growth rates. When light intensities are less than 800 footcandles (10 watts per square foot of growing area or less), the daily light periods should be at least 14 to 16 hours.

In most cases the longer the daylengths and/or the higher the light intensity, the greater the vegetative growth. For most plants it is well to limit the daily light period to a maximum of 18 hours. Some plants, particularly seedlings, will do well under continuous light (24 hours), however, a minimum of 4 hours of darkness is generally recommended.

Both light and darkness have a role to play in the life processes of plants. The relative difference in the daily amount of light and darkness has a definite and important role in determining the blooming time of many plants. Spring and winter blooming plants are frequently referred to as "long day plants" and the fall and winter blooming plants (chrysanthemums, poinsettias, etc.) are referred to as "short day plants." Other plants whose blooming time are not influenced by daylength (or nightlength) are referred to as "day natural plants" (roses, carnations, African violets, etc.).

When growing plants for their flowers, it is therefore important to choose a daily photoperiod conducive to blooming. If the plant normally blooms in the summer out-of-doors, it should be given a daily *minimum* of 14 hours of light. Long day plants, generally, will not bloom unless exposed to daylengths of 14 hours or longer. A winter blooming plant, such as a poinsettia, should have a *maximum* daily light period of 10 to 12 hours to induce bud formation and blooming. Some plants are very exacting on their daily requirements of light and darkness when it concerns blooming.

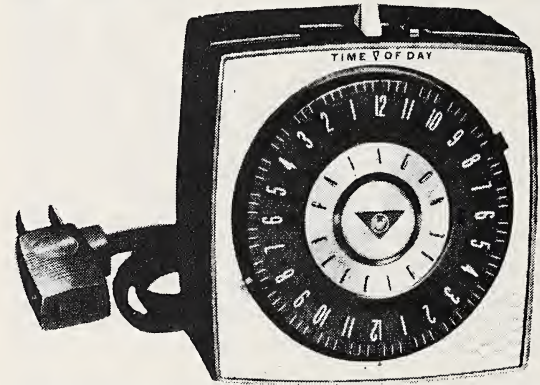
Plants actually measure the dark period in each 24 hour cycle and not the light period, that is, a plant starts a new growth stage each day on a signal developed by a chemical mechanism which clocks the hours of darkness. This darkness timer, in some plants, is very sensitive to very faint light—as low as 10 footcandles. Some are influenced by just a flash of strong light. Others require as much as 4 or 5 hours of additional light to influence blooming time in winter.

Giving darkness its due has not relegated light to a minor role in causing growth changes. During the light periods, both the intensity and color of light are important to

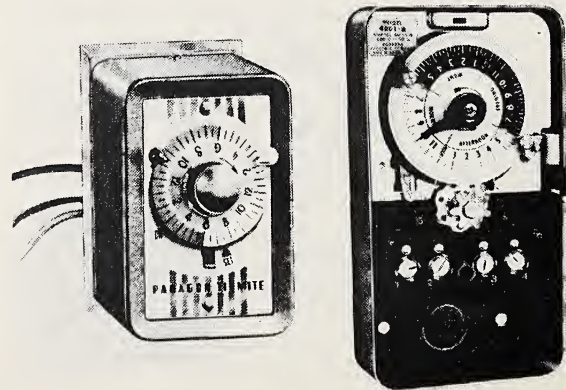


the growth changes and, indoors, light intensity can be manipulated for many significant effects. The color of light is so important to photoperiodic plant responses, that discoveries about it have been major advances in the world of plant physiology. It has been found that red light, for example, signals many growth responses, including flowering time. It has also been found that far-red light (730 mu) can reverse the actions of red light.

When growing plants for vegetative growth only, it is not too important to have each daily light period exactly the same length. However, when these periods are shortened, plant growth is delayed. When growing some plants to their blooming stages, regular and uniform daylengths are important. Inexpensive time clocks or switches are a great help



to keep such periods regular and uniform. They are especially valuable for amateur growers who make frequent week-end or summer out-of-town trips so that the daily light periods can be controlled automatically.



Seed Germination—The germination of some seeds is controlled by light. The photo-reversible reaction that regulates seed germination also controls flowering, stem elongation, and other phases of plant development. Until more knowledge is available in regard to light requirements of common garden seeds, it is suggested that generally recommended methods of seed germination be used unless specific information is available for the variety of plants to be grown.

Growing Seedlings—To start seedlings, a fixture containing at least two 40-watt fluorescent lamps is recommended. With a good reflector, proper light intensities will prevail in the area within 6 inches of the lamps. This is about the minimum for most kinds of seedlings, but care should be taken to provide the correct air temperatures and soil moisture for satisfactory growth.

The best seedlings are produced when they are grown close to the lamps, since light is most intense in that area. Heat will not be excessive even when the seedlings almost touch the lamps. As the seedlings grow and elongate, the pans or flats may be lowered away from the lamps as needed. Preferably, seedlings should be kept within one foot of the lamps. The intensity of light from fluorescent lamps is greatest near the center of the tubes and the seedlings may be advantageously arranged so that seedlings such as pansies, which require less light, are placed near the ends of the tubes.

Incandescent lamps should not be used as a light source to start seedlings because the heat and far-red light from this kind of lamp will cause the plants to be long-stemmed and spindly. Any of the standard cool white, daylight, or special horticultural lamps provide a good quality of light for strong stocky growth.

Most seed require warmth and humidity for proper germination. Place seed pans or flats under light for at least 12 hours each day until germinated, with the media temperature about 72°. Lamps should be about 6 to 10 inches above germinating seed.

After germination has taken place, move the flats of tiny seedlings very close to the lamps and leave the lamps on 24 hours a day. Grow the seedlings cool—about 65° if possible. After transplanting, continue to grow the seedlings very close to the tubes (about 4 to 6 inches), burning the lamps continuously. If one reviews the available literature written by the various plant scientists who have researched the subject, and then reads the reports of amateurs who grow plants in their homes, it is easy to conclude that any plant can be

grown successfully under electric light. Success stories have been written about practically every genus of plants. It seems to be just a matter of understanding the light requirements of the plants and then meeting those requirements. Fortunately, the light requirements of most plants can be met at a very reasonable cost with standard available electric light sources.

For many years, the African violet growers and others who grow the so-called “shade loving” plants were the only ones who practiced fluorescent light culture. These gardeners soon tried other common house plants such as geraniums, and found that these, too, could be successfully grown. Today almost all types of plants have been tried including cacti and vegetables, with reasonable success.

1. When growing plants under lights, it is especially important to provide the plants with the other good cultural practices recommended for that particular variety of plants, such as proper humidity, temperature and soil requirements.
2. All plant processes are regulated by temperature. The higher the light intensity, the higher the air temperature requirements up to about 75°:—

Light Intensity in footcandles	Air Temperature
700-1000	75°
500- 700	70°
below 500	65°

Night temperature should be from 10° to 20° lower than day temperature. Greenhouse temperature should be lowered on dark cloudy days.

3. Growing plants should have plenty of fresh air to keep up the carbon dioxide content.
4. Relative Humidity should be 50% or above (80% or above for rooting cuttings).

The cost of operating one two-lamp fixture (two 40 watt lamps) for a 14 hour day is 2.8¢ (2 mills per hour) or 84¢ per month.

One three-lamp fixture (using 40 watt lamps) would cost 4.2¢ per day or \$1.26 per month.

Four 40 watt fluorescent lamps used for a 14 hour day would cost approximately 5.6¢ per day or \$1.68 per month.

The light fixtures should be wired or plugged into circuits that can carry the load. A normal 15 amp home circuit, if used for nothing else, will carry about 1500 watts of fluorescent light safely. If other equipment or lights are used on the circuit, the total

wattage on the circuit should not exceed 1500 watts.

ACKNOWLEDGMENTS

U. S. Dept. of Agriculture, Beltsville, Maryland
University of Illinois, Dept. of Horticulture,
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Missouri
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Cleveland, Ohio
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Dept., Salem, Mass.
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the Indoor Light Gardening Society of
America, Reading, Pennsylvania
(Printed through the courtesy of Union Electric
Company of St. Louis, Mo.)

REGISTRATION REPORT

*Adele Tretter, 4988 Schollmeyer Ave.
St. Louis, Mo. 63109*

The following registrations have been received during the period from July 31, 1969 through Oct. 1, 1969.

DARK EYED BABE (1977) OZ 2 sc S 8/8/69
FIRE BUGG (1978) R-P 2 sc M "
HONEY BUNCH (1979) PX 5 d S "
MELLO WHITE (1980) WPE 2 df S "
REMEMBRANCE (1981) P 3 d S "
WINTER GOLD (1982) RXGE 5 s-dc S "

Kolb's Greenhouses, 725 Belvidere Road, Philipsburg, N. J.

BUTTERFLY WHITE (1983) w 28 s-dc S
8/29/69
DOUBLE TAKE (1984) V 38 dc M "
FASHION FRENZY (1985) LR 5 dc S-M "
FLORAL FANTASY (1986) LOBC 2 dc S "
TINY FANTASY (1987) DOBC 28 dc M "
TRICKSY BLUE (1988) LB 28 s-dc S-M "
TRIPLE THREAT (1989) MP 5 dc S "

Lyndon Lyon, 14 Mutchler St., Dolgeville, N. Y.

BLUE POWDER (1990) MBX 29 s L 9/13/69
OH MY (1991) DB 29 d S "
ROYAL FLUSH (1992) R-V 23 s-d L "

Mrs. Charles S. Hawley, 45 Forest Dr., Painesville, Ohio 44077.

CROWN PRINCE (1993) DVOC 39 s L 9/25/69

Mrs. M. R. Stekelbos, 1932 Valley Farm Road, Pickering, Ont. Canada.

CONSTANCE BETH (1994) MP 59 df L
9/25/69

Swift's Violets, 2740 Mayhew Dr., Dallas, Texas 75228.



GREEN FRILLS (1995) LOGC 35 df S 10/1/69
ROYAL CLUSTER (1996) LOX 23 s-d S "
Ernest Fisher, 32 Downsview Ave., Downsview, Ontario, Canada.

MARY ODELL (1997) DPX 239 d S 10/1/69
Mrs. Marjorie Blenkarn, 1430 Hurontario St., Port Credit, Ontario, Canada.

Reservations

The following reservations have been received during the same period as above.

*RAVENCREST** Reserved by Earl Kolb 8/5/69
PINK SPREAD—Reserved by Edith Floyd, 8/30/69
MISS ARKANSAS—*CHARLIE'S CROSS* Reserved by Ozark African Violet Study Club 8/30/69
SATELLITE PINK Renewed by Kolb's Greenhouses 8/5/69

Names Dropped

The following names have been dropped from reservation — *SALEM WITCHCRAFT** *LIME RIPPLES* ** *EDDIES STAR* — *LIKE-ABLE* — *PLAYMATE* — *FLYING SAUCER PINK* — *PHILLIPSBURG BEAUTY* — *SATELLITE PURPLE*

CHANGES

Correction — *HAWAIIAN EYE AND LITTLE BUSY BEE* have been changed from miniature to semi miniature.

LIKE TO EXPERIMENT?

Like to experiment? Plant one leaf in your usual way. Plant stem and one third of the leaf right next to it. See which one comes up first and how many plantlets you get from each.—The Bay Stater.

YOUR LIBRARY

By Mrs. Wayne W. Schroeder
1739 N. 74 Ct.,
Elmwood Park, Illinois 60635



"Vacation land sounds so inviting. When the snow is banked high around the house and the temperature hovers near zero my vacation plans are made. Milwaukee-on-Lake Michigan is a beautiful site for a vacation with violets and they do grow excellent violets in Milwaukee. AVSA members, come join me and

hundreds of violet hobbyists in Milwaukee! The Wisconsinites are looking forward to greeting you when you arrive carrying all those blue ribbon plants for the show. The dates are April 16, 17, and 18, the theme is "VIOLETS IN VACATION LAND."

The "wee ones" or miniature African violets really stole the show in the September issue of the AVSA magazine. Something new and different in the violet world. Not new to many but to the newcomers to the hobby there was a wealth of information and know how shared by those who have grown miniatures. If you have not tried raising these "wee ones" start now. To help you to know and grow miniatures the Library Committee introduces a slide program, "THE TREND IS MINIA-TURE". This program of 80 slides furnishes a wealth of information on growing, hybridizing, and identifying the miniature and semi-miniature African violet. This program is available by sending \$1.50 and your request to AVSA Library, P.O. Box 1326, Knoxville, Tennessee, 37901. Mrs. Betty Weekes who is chairman of the committee for classifying miniatures made this program possible by sharing her knowledge with us in the commentary of the program. We are grateful to her and her committee members for a job well done.

Your club Yearbook deserves to be entered in the convention competition. Having the book judged in competition with clubs all over the country will help your club to evaluate its programs and activities and will furnish thoughts and new ideas for the future. The Library is again offering cash awards for the top three blue ribbon winners. Send the book to Mrs. W. F. Anderson, 360 Tulip Dr., St. Louis, Missouri, 63119.

Your Library committee welcomes new ideas for programs. Please send them to me.

DREAMS DO COME TRUE!

By Anne Tinari

Have you ever dreamt that someday someone would have the foresight and interest in our beloved African violet to produce a live film evolving a story starring an African violet plant.

Now it can be told! We are indeed fortunate that a knowledgeable individual such as Mr. Roy Bishop, producer of many film and television documentaries and at present executive producer of Roy Productions, undertook this great task. Inspired by his Mother's African violet collection, (she's an avid hobbyist), he conceived the idea of producing a film using live plants, live people and a convention setting to accomplish a true and fascinating story.

The film depicts an exciting day in the life of the African violet "Cydonia". The story opens with the plant "Cydonia" in a warm favorite spot under her comfortable Sylvania Gro-lux tube where her mistress, Madeline, grows and grooms her in an attractive desk planter lamp. From this serene atmosphere she is brought out into the competitive world of the convention showroom at the Sheraton Hotel.

Story Unfolds

Through personification and the expressive voice of Jean Sargent, narrator, accompanied by delightful music and the sounds of violet enthusiasts to which we can readily identify, the story unfolds. With clever technique Mr. Bishop reveals the many happenings that occur as "Cydonia" is entered into the amateur competition for judging. The focal point convenes upon the sudden environmental change in her life.

Through the eyes of "Cydonia" we see the commercial displays and sales area, the educational exhibits and yearbooks, the artistic arrangements and many familiar personalities that are involved in a gathering of this caliber. The expression of the many award winners at the annual banquet are self-explanatory and at the climax honorary membership is bestowed on our beloved past president, Neva Anderson. One feels they are there to share in the warm presentation.

Plant Auction

The festivities come to an end with the yearly African violet plant auction. We see Frank Burton, our favorite auctioneer, displaying one of the loveliest plants as he calls

(Continued on Page 53)

It's About Time!

All memberships expire February 28 (unless you are a Life Member or have renewed in advance.). The March magazine will be the last issue mailed unless renewal membership is received.

Membership dues for 1970-1971 are:

Individual member	\$ 6.00
(includes 5 magazines)	
Associate member	
(Any person living at the same address as a person having any other class of membership. No magazines.)	\$ 3.00
Commercial member	\$ 15.00
Life member	\$100.00
Affiliated Chapter	\$ 6.00
Council, District State or Regional Society	\$ 15.00
Time is running out. Renew your membership NOW!	



For 1970 . . .

PLANTING BY THE MOON

by Carl L. Weschcke, B.Sc., MAFA
Editor and Publisher of the MOON SIGN BOOK
P. O. Box 3383
St. Paul, Minn. 55101

This has certainly been the "Year of the Moon"! Not only did Man finally make the great leap upward and set foot on the Moon, but interest in the Moon as a guide to gardening and recreation has itself leaped sky-high. More and more people are concerned with the quality of the vegetables they grow and eat, and gardeners just naturally are working closer to Nature and want to make their activities coincide with the ebb and flow of Life Energies.

Many readers have asked about differences between dates given in the MOON SIGN BOOK and those given in most almanacs. Generally, almanacs calculate planting dates incorrectly, and very few almanacs gives dates according to the Signs—considering only the Phases. Planting potatoes in the "dark of the Moon" is only half of an equation, and may result in the planting under the wrong Sign. This is the reason that Moon planting sometimes produced inconsistent results in the Old Days.

During 1970 the dates when the Moon is in the First Quarter and one of the best planting Signs are as follows:

January 10-21 (Pisces)
February 6-8 (Pisces)

March 7 (Pisces)

April 11-13 (Cancer)

May 9-10 (Cancer, also 16-17 (2nd Qtr. and Libra)

June 5-7 (Cancer), also 13-14 (2nd Qtr. and Libra)

July 3-4 (Cancer), also 10-11 (Libra)

August 6-8 (Libra), 9-10 (Scorpio)

September 2-3 (Libra), 4-6 (Scorpio), 30 (Libra)

October 1 (Libra), 2-4 (Scorpio), 30-31 (Scorpio)

November 7-9 (Pisces, but 2nd Qtr.)

December 4-6 (Pisces, but 2nd Qtr.)

Remember, these are only the BEST dates for most flowers. In the MOON SIGN BOOK we also show the next most favorable dates, and in addition the dates that are best for other gardening activities, and for other kinds of plants, and also the actual times of the day when the Moon's influence is most favorable. For example, March 24, 11:10 pm (Pacific Standard Time) to March 27, 6:05 am, the Moon is in the third quarter and in the Sign of Scorpio—a good time to plant piennials, perennials, bulbs & roots; also to prune, irrigate, and use organic fertilizer. April 6, 6:43 pm to April 9, 1:02 am (1st Qtr. and Taurus) is good for planting annuals for hardiness; also trim to increase growth.

Unfortunately we can't condense the 320 pages of the Moon Sign Book into one short article for you, but we do give you the best dates for African Violets.



Fischer's FRILL STAR

Bob Kramer's SPRING DANCE



Exhibiting And Judging



Ruth G. Carey
3900 Garden Drive, Knoxville, Tenn 37918

Q. Is the "Tri-color Award" the same award as formerly called "Best of Show"?

A. Yes, it is the same.

Q. Is it permissible to give a tri-color award in the artistic and arrangement classes?

A. Yes, two may be given in the same show.

Q. If one section of the score for evaluating a show for the Green Rosette is very low or does not rate a score, can the Rosette be withheld?

A. No, the Green Rosette cannot be withheld unless the total score is below 90 points.

Q. Does AVSA have a rule permitting a ring to be used under plants to determine their size when being entered in a show?

A. No, AVSA does not have a rule permitting or prohibiting a ring being used. A ring being used can damage the plants, while a ruler will measure them, but will not be such a risk.

A few months ago the question of bubble bowls and terrariums came up and I was asked to define them. After some research and assisted by Mrs. Chris Huebscher who submitted most of the material, I offer the following information:

Terrarium

A terrarium may have many forms, such as planting in a fish bowl type of terrarium, a large rectangular type as well as a round bowl. A temporary plant hospital was made by using an old lampshade frame which had been covered with a polyethylene plastic with a roll of plastic on top of the shade used as a cover. To plant a terrarium with soil mixture in the base, begin by placing a layer either of pebbles or broken bricks in the bottom to insure drainage, and cover this with moss or dead leaves from trees to prevent the soil washing through and clogging the drainage. On top of this place some soil (an open, porous, gritty mixture) in different places to give a pretty landscape effect, but do not let it be so deep anywhere that it detracts from the decorative appearance of the finished terrarium. Small pieces of rock, pieces of cork bark, etc, may be introduced to suggest landscape features and, if desired, a "pool" made of a small mirror may be featured.

When you have the general contours of the miniature landscape established, planting may begin. A few hours before planting is done, the plants to be used should be watered

thoroughly. It is well to set the bigger plants first, then the smaller ones, and finally creepers, mosses and other ground cover. Do not crowd plants unduly; remember that if all goes well they will grow and need more space. After planting is completed, water gently with a fine spray and wash all leaves clean of soil and the glass clean of smears. Be careful of your watering to not flood the terrarium, especially if it is one that does not have drainage holes. So when you plant a large round fish bowl, your drainage material and gritty soil are packed into position and formed into pleasing contours. Then place a layer of sheet moss over the soil. Plugs of soil may be removed with a special tool to make holes for the reception of the plants. Small plants are removed from their pots and placed in position with a large pair of tweezers. The soil is then tamped around their roots. After planting is finished, the terrarium is watered with a fine spray.

Useful Devices

Because humid atmospheric conditions can easily be maintained in terrariums they are excellent devices for sheltering leaf cuttings, stem cuttings and similar propagations when they are rooting. They are also especially useful in keeping pots and flats of newly sown seeds, and to shelter young seedlings. This is especially true of African Violets, begonias, and other kinds that need a moist atmosphere.

Plants that have become sickly through exposure to drafts or an excessively dry atmosphere or have had their ability to absorb water from the soil reduced as a result of damage to their roots in the process of repotting or in other ways will benefit greatly from being given the protection of a terrarium.

Where natural light is deficient, the plants contained in a terrarium will make much better growth and will remain healthier if the terrarium is illuminated for 12-16 hours out of each 24 hours by artificial light. Fluorescent units give considerable light without generating much heat and should be depended upon as the chief source of illumination. The lights may be as close as 12 inches to the plants. Because fluorescent light is deficient in some light rays that benefits plants, superior results may be had by sup-

plementing it with a smaller amount of light from ordinary incandescent (Madza type) bulbs.

You will note that the above planting in a large fish bowl was not covered. But for propagating it seems they should be covered to obtain higher humidity. Another book states that terrariums are small glass-enclosed gardens sometimes called Wardian cases (named after Mr. Ward, who in 1829 accidentally discovered a new method of growing plants.)

In reviewing, a definition of a terrarium evidently indicates a glass container of any size or shape which can have a cover on it or not depending upon what purpose you want to use it. The container can have a miniature design or an arrangement or may also be used to propagate cuttings. I believe that any show schedule should have specific rules if the terrarium is to be covered or uncovered — if it is not mentioned, then either way should be acceptable and correct.

Bubble Bowls

As to bubble bowls in a show schedule, they should be in a class by themselves. You could use any type of glass, bowls or bottles—either enclosed (showing a bubble at the top) or open at the top. They should however have an arrangement or design in the water. One reference book says a bubble may be a globule of air, or a globular vacuum, in a transparent solid, as glass. There are certain types of round glass containers on the market which have a screw type bottom cover which has a metal pin holder in this bottom part. It is quite an experience to make an arrangement in one of these in this cover and have the bowl filled with water. Of course it never is completely filled with water — so it has a huge bubble at the top. This could ideally be called a bubble bowl.

P.S. If you desire to apply and have met the requirements for a Lifetime judges certificate, please send in your fee of \$1.00 for the questions and other qualifications, or if time to refresh your Lifetime Judges certificate, send in \$1.00 and a request for a set of questions.

CORRECTION

This is a correction for the question and answer appearing on Page 56 in the September 1969 magazine:

Q. Are exhibitors permitted to enter miniature specimen plants and standard size plants in the same entry for the Gold and Purple class.

A. There is no rule which prohibits an exhibitor from entering both sizes of plants in this class. From the standpoint of attractiveness, all plants of the same size would be advisable.

ADDITIONAL JUDGES

Names of six additional judges, which did not appear in the September listing of the judges of the African Violet Society of America, Inc., are as follows:

Florence W. Bardeen, 4 Andrews Ave., Binghamton, New York 13904

Thomas La Boda, 8629 Ranch Drive, Chesterland, Ohio 44026

Mrs. Stanley Crewe, 409 Eastman Rd., Northwood Wilmington, Del. 19803

Alberta Lee Cooke, 1930 Kennedy Dr., Apt T-1, McLean, Va. 22101

Dennia R. Fallon, 41-43 43rd St., Sunnyside, N.Y. 11104

Barbara A. Kelley, 67 Maplewood Circle, Bricktown, N.J. 08723

LIFETIME JUDGE

Mrs. Frank W. Barton, 59 Brewster Street, New Bedford, Mass 02745

BEGINNER'S COLUMN

(Continued from Page 24)

stays firm when you wiggle it a bit (not too hard!) and as long as it stays crisp and shows no sign of rot, you will know that all is well.

When the plantlets are about 2" high, allow them to dry out a bit and then knock out of the pot, separating the mother leaf from the babies. The mother may be planted again, same as before, if you wish another batch. Usually the mother leaf has attached to it a very fine set of roots and it will not take as long to grow little ones but if the roots are broken off, it will not matter as long as it is healthy. Put the strong plantlets in their own pots with a loose African violet soil. Those which have poor roots may be put back in the same pot as before until they grow stronger. Even those little ones that have no root at all may be put back in the original pot. Since by this time the original medium has probably gotten a bit green, it is better to put new material in your pot if you are going to grow more plantlets. Do not think you are being kind by letting the plantlets wait until they are larger than 2". They will get leggy beyond that and you will not be able to get a symmetrical plant as easily as if you give each plantlet its own pot soon enough.

"Bone Up"

Now is the time to "bone up" on growing show plants. Even if you never show a plant, those that are grown according to show standards are always better looking and more floriferous than those that are just left to grow like Topsy. Who knows, the day may come when you have such a beautiful plant that you will want to show it. I hope so.



YOU MAY WIN! ENTER AN ARRANGEMENT!

The National Council of Garden Clubs, Inc., of which AVSA is an affiliate member, is sponsoring an event of much interest to African violet growers.

It's a Calendar Book contest, titled "Visions of Beauty 1971."

There is a special award for Affiliate members. The photograph of the winning floral arrangement, selected by a group of judges from your entries, will be given a special spot in the 1971 calendar, and the member designated as the "AFFILIATE ARRANGER of the YEAR." Her name shall be inscribed within a permanent trophy and placed in Council headquarters at St. Louis. No artificial flowers or foliage may be used.

Just send a photograph of your best arrangement. Have a professional photographer take your picture if at all possible, removing award ribbons. Send an 8" x 10" glossy black & white vertical photograph, or a colored transparency 4" x 5" preferred. Color prints cannot be used.

The entry blank below filled out completely, must accompany the photograph. If sending more than one entry, use facsimile of entry blank. Package carefully with plenty of cardboard so that photograph does not become bent.

Mail as soon as possible, to arrive in the United States no later than February 15th, 1970. This is the judging date. If you wish the photograph returned, please enclose sufficient return postage. If you have any questions feel free to write the calendar chairman.

ENTRY BLANK

(Type Please)

Name of Designer

Address

City & State

Affiliate African Violet Society of America, Inc

Name of African Violet Club

Title of Picture

Name of Photographer

Give description of arrangement, naming plant materials used.

Describe container, accessories, etc, and mail to

Mrs. Alex D. Stahl

National Council Calendar Chairman

3153 N. Knoll Terrace

Milwaukee, Wisconsin 53222

BUGS! BUGS! WHO GOT THE BUGS?

*Mrs. & Mr. Michael J. Shirock
525 E. Tioga St., Allentown, Pa. 18103*

As two male Fungus Gnats were lazily flying about looking for females to start a new generation, one said to the other, "If people would read labels on insecticide containers they would know too little chlorodane only makes us sick for a while and we get to like it after awhile."

Aphids like to play hide and seek, but when an aerosol spray with lindane, malathion, parathion, is brought into play, oh! how aphids do indeed like to hide.

As cyclamen, and broad mites were chomping away in a garden outside, a shadow formed over them by a huge monster. They were brushed on some cloth. As they clung on for dear life, the cloth moved to a big room full of African Violets. A mite exclaimed, "Oh, boy, we eat," but another mite who could read spied a bottle of kelthane, immediately screamed, "Out! Out!"

When plain mealy bugs heard of the fancy name the Pritchard mealy bugs have and, also their own poison Aldrin, an emergency call went out to all plain mealy bugs to hold a convention so a resolution would be passed to have a fancy name but not their own poison.

Springtails and symphylans, who have such fancy names for such little bugs who flit about and skate on top of water, have names more scary than they are but, as lindane is sprinkled on the soil they are gone for one more year.

We wish thrips would take trips instead of eating our African Violets but when an aerosol container with lindane, malathion, or parathion, is brought into view, on, how thrips take trips.

Soil Sterilization

African violet growers are reminded that the advantages gained from soil sterilization far outweigh the inconvenience or extra work required to do it. Soil sterilization actually amounts to pasteurization, but the term sterilization has become so widely used that it now seems acceptable in connection with discussions concerned with ridding soils of diseases and insects.



"Timicon Wild Life Preserve," an arrangement by Barbara Maloney of Mainland, Pennsylvania.

GREENHOUSE VIOLETS ON THE KANSAS PRAIRIES

*By James B. McKinney
89 Mission Road, Eastborough
Wichita, Kansas 67207*

This writer on the Kansas prairies does not find only the bleak, endless expanse of the Flint Hills nestling Wichita in its blanket of annual snow, but also a new touch of tropical excitement. My lifelong dream of a greenhouse materialized last summer and I have just come through the winter with a glasshouse bursting at the seams with hundreds of blooming violets and other gesneriads.

Siegfried, the family's 18-month-old German shepherd is asleep on the floor of the greenhouse. There is a cup of mint tea by the typewriter. As the sleet and snow on the outside, pelts the greenhouse, why don't you join us as I share with you some of the joys and frustrations of a Kansas greenhouse filled with Saintpaulias?

Builds Greenhouse

I had often thought of a greenhouse, but really never pursued it with any reality until this past July. The intangibles of life, such as my Bachelor's and Master's degree at Wichita State University, had been completed. I had joined the teaching staff of the Wichita public schools. My home had been purchased. The lawn and garden landscaping was finished. NOW just seemed to be the time to fulfill that dream of long standing. I would build my own greenhouse.

From the time that I had the mumps in the fourth grade and was given an African violet, I have only been without Saintpaulias for a brief period during college when I was living in university quarters. I have raised violets under many circumstances all the way from windows to fluorescent lights. My problem that year was that my home had only a utility room that was suitable for raising violets—no recreation room or basement. I needed a place for expansion. A greenhouse seemed an appropriate answer to my dilemma.

On a very warm July morning in 1968, I started my work by comparing costs of commercial, pre-fab greenhouses with some that I knew were available locally. All seemed very expensive! I almost stopped then as amounts grew over the \$1,000 mark and were fast approaching \$1,500 for frames, glass, benches, heating, and air-conditioning. It seemed a prohibitive amount as I looked at the figures before me. But being the determined person that I am, I began. I would do much of the

labor myself and hire only what I could not do or what I did not know how to do.

Gets Assistance

Through a real estate company in Wichita, I found a retired, Austrian greenhouse owner whose houses were in a run down state of maintenance and who was interested in helping me get set up. This fine old gentleman was to be my guide and inspiration in the weeks ahead. I had no idea at that time how much help I was to need. I had never built a doghouse, much less a greenhouse!

The sight of the greenhouse was chosen. It would run east and west adjoining the dining room where a large French door would be cut to provide easy access to the new addition. Boys were hired to help in moving the cypress bars and other greenhouse equipment from the wrecking sight to my home. In the intense summer heat that Kansas can produce, the boys and I began the series of what was to be many coats of white paint on the badly dried out cypress wood that would hold the glass. We thought two coats would give it the protection and color that we wanted. It took three and sometimes four applications to cover the wood to perfection.

The foundation was dug. A two and one-half foot cement block wall was erected and the cypress bars were attached. For the first time in several weeks, I could really see that a building was being started. Perhaps a greenhouse would be forthcoming after all! It was so slow. I seemed to get nowhere some days. And in the heat, I was fast losing encouragement in the project. From time to time, friends would come by and offer helpful bits of assistance such as, "Do you really think it will all work out? I mean with the heat and all. Won't they just cook?" At that time I thought to myself that there were some chances that they might be right. But I would permit myself the extravagance of positive thinking and not consider defeat at this early point. After all, I knew that greenhouses all over the United States were growing violets—beautiful violets—I had ordered my plants from them for years. They managed to conquer their problems in some way, and so would I. I would find the answers as I needed them.

Tedious Work

I was able to get my glass from the man from whom I bought the greenhouse. It was pre-cut to sixteen-inch widths. The wooden bars had to go up precisely so the glass would



BUILDS GREENHOUSE -- ENJOYS RESULTS: James B. McKinney, a member of the teaching staff of the Wichita, Kansas, public schools, built himself a greenhouse, which he says is a continuous joy, a place for watching violets grow, for Saturday brunches, Sunday morning breakfasts, and often for after-dinner coffee with guests. In the two upper pictures Mr. McKinney is shown with his violets. Lower left is Siegfried, the family's German shepherd, who sleeps on the greenhouse floor. Lower right are some of his many beautiful plants grown in the greenhouse.

fit accurately. It was slow, tedious work. July had passed and mid-August was fast approaching. School would be starting in September and my time as a summer vacationing school teacher would be over. Would I finish? I didn't know then. I worked each day as long as my strength and the heat would permit.

As the glass on the roof began to take its place, I saw how unbearable the heat was going to be. A large maple tree was on the immediate west side of the greenhouse, but from mid-

morning until mid-afternoon, the sun took its toll unrelentlessly on the building. I knew I would need help in this matter. I talked to several greenhouse men in the area. Few knew much in regard to violets, heat, and what their requirements would be. I was alone in my search. How I longed for a Lyndon Lyon or a Richter or Granger then! I bought shading cloth and suspended it over the newly completed benches. I thought this would do it. The largest evaporative cooler that I could find

was installed. The furnace was ordered. The greenhouse was at last finished. September had come and along with it, some 2000 junior high school pupils at the school where I teach. I had just barely won my battle to be finished with my construction before my summer ran out!

Joyous Occasion

Kansas is still hot in September. Often, it is very hot, getting over 100 degrees on many days. After the shading cloth was hung and the cooler installed, the exciting evening came when the fluorescent racks could be emptied in the utility room in the house, and the plants arranged in the greenhouse! It was a joyous occasion long awaited! Every thing sparkled! The shining, clear glass, freshly polished, mirrored the gleaming white benches and white limestone chat that had been placed on the floor. One friend remarked that the entire presentation appeared sterile enough for impromptu surgery.

The plants came out, and how much room they had to stretch their leaves! None were touching! Can you imagine? One fluorescent rack was used near the house where I knew there would be very little light. All the rest of the violets were placed on sterilized turkey grits (ground granite) on the greenhouse benches. The water cooler was placed on a timer that would turn it on at 10 in the morning and off at 7 in the evening. I watered the white limestone floor each morning and evening for additional humidity. Then Siegfried and I settled back to watch the violets grow.

I was in for a shock! After two days the leaves of most of the plants began to hang limp. I was horrified! For the past several weeks in the utility room of the house, I had been watching two dozen new varieties from Lyon's, come into bloom. Some of them looked cooked! I panicked! The cooler seemed to be keeping the temperature to a reasonable level. Eighty-five to ninety degrees was about tops for mid-afternoon temperatures. I was keeping high humidity with good circulation by fans. I ran to the supply house and bought more shading cloth. Two thicknesses were now applied to the walls on the west and south. Four thicknesses were applied to the ceiling. The north was left bare as no sun came in there. I went to the greenhouse where I trade, and bought shading compound which I mixed with a binding agent and water. This was sprayed on the glass all over the greenhouse, with the exception of the north side. I used three and four coats of this white washing compound.

How strange the greenhouse looked now. You couldn't see in or out. It reminded me

of the icy, white, winter house of Dr. Zhivago in the movie. It had a frosted, unreal look about it—certainly not the clear, "Windex-clean" appearance it had had such a short time ago.

Wait and See

Now, all I could do would be to "wait and see" what the next few days would bring. It would take some time. The men came to install the furnace. This was very inappropriate timing as far as need was concerned, but I knew as winter came, conditions would change and I would need it. For a small greenhouse only 18 x 13 feet, it seemed the installation took forever. Pipes and heating ducts had to be placed around the walls in such a manner so as to evenly distribute the forced air heat with proper circulations. How ironic that heating equipment was being installed at a time when my violets were suffering from the heat.

In about three or four days, I could see a slight improvement in the substance, leaf tone and general appearance of the plants. They perked up and the leaves began to firmly support themselves again. Buds began to open and develop. I breathed a sigh of relief for the first time. Perhaps this enormous, expensive task was not to be a failure after all.

A new problem was developing. The circulating air was picking up the white dust of the limestone chat on the floor and depositing it all over the plants. When Siegfried would play, I could see the white dust in the air. I knew the limestone dust would also be picked up by the furnace in the winter. The chat would have to go. The expense of the chat and the labor involving getting it carted from the driveway into the greenhouse, had to be forgotten. It was not working.

In addition to this problem, the dust was being tracked onto the carpeting in the dining room. Brick was my second choice and a hastily computed order was telephoned in for immediate delivery of 1,000 solid red paving brick.

At 6 a.m. on the next Saturday early in October, one boy and myself began an entirely new task of laying the brick. At 11 that night, with hands practically raw from the rough edges of the brick, we finished. The floor was beautiful. It looked as if it would be easy to keep clean. It had a smooth, interesting texture contrast to the rest of the greenhouse. It would certainly be superior to the previous covering of white limestone chat. This past winter has proved that this was a wise decision. The brick has been most enjoyable. Had I crossed the last hurdle? I didn't know, but I

was exhausted at that point and certainly hoped so.

Finally Arrives!

Hardware cloth (hail screen) had to be put around the bottom three feet of the outside of the greenhouse as the dog continually jumped up on the glass walls whenever he thought he heard someone in the greenhouse. Other than this, I had finally *arrived!* Yellow, heat glazed leaves had been removed and dying plants had been pitched into the wastebasket. The greenhouse began to take on the air of the living greenhouse that I had envisioned earlier.

A glass topped wrought iron table has been added, along with built-ins and a sink. Fluorescent lighted terrariums hold the new cuttings being propagated. It is such a joy now to sit drinking tea or coffee and to look upon the mass of bloom that is now rewarding me. I had almost forgotten the snow outside. Had you? It's sleeting now, harder than before. The little pellets are hitting the glass with a strange, rattling sound.

Reflecting on my excursion into exotica, I would do several things much differently right from the beginning if I were to do the whole thing over again. I had books on greenhouse management and building, but they only help to a degree and by no means had all the answers. It was a first time experiment with all that I did. Trial and errors were my teachers. If my remarks in any way can help some other amateur in warding off some of the problems faced in building a greenhouse for the first time, then my time in writing this article has been worthwhile and my purpose served. How I wish I could have had some specific help at the time that I most needed it.

For all the difficulty that I encountered, I would do it again at a moment's notice. The greenhouse has been a continuous joy since the time that it was completed. The hours of watching the violets grow, the Saturday brunches there, the Sunday morning breakfasts there, and the after dinner coffee with guests, have all gone together to make the greenhouse the finest addition the house could have.

DREAMS DO COME TRUE

(Continued from Page 43)

out for bigger and better bids. The closing scene reveals that the anxious "Cydonia", after glitter and glory of her glorious outing, is once again favored by Mistress Madeline and placed in her favorite lighted area to be Queen of her own domain. She is lifted gently and placed once again in her planter lamp.

The film has been released and is avail-

able to violet and garden clubs throughout the country. Our library will receive a complimentary copy to be used at its discretion.

Our heartfelt thanks to Mr. Bishop for selecting our favorite plant for a 30-minute spotlight appearance to the African violet public.

CALLING ALL MEN

(Continued from Page 33)

me shudder. It was crawling with mealy bugs. It was a plant from the spring shipment. I examined all of the plants in that shipment and sure enough the majority of them had it, including the ones in individual saucers. I had been using aldrin in my soil, but I started a drench program of aldrin. Perhaps I didn't have it strong enough, as I can not tolerate all of the chemicals due to health. They were still crawling the next morning. This was using the liquid aldrin, 5%, which gives off quite a sickening aroma.

We decided then and there to discard the plants which had the mealy bug. We were fortunate that some did not seem to be infested. We added more aldrin to our soil and kept our fingers crossed. As we were partially commercial, this was quite a blow. We discontinued selling any plants, and in fact our collection was depleted from approximately 1000 plants to less than a hundred. Many of the plants that had to be discarded were some of our seedlings that looked quite promising. We will begin again where we left off and hope to come up with other seedlings.

Fortunately, our rooted cuttings were not infected. We have been transplanting the remaining plants and so far have not run across a single mealy bug, so evidently by adding more dry aldrin to our soil has done the trick. At least we hope so. I might add that the nicest looking plants, the best blooming and greenest looking, were the ones that were infected the most

Learns Lesson

At the present time it looks as though we have licked our biggest headache, and we have learned a lesson. From now on, no matter where we get a plant, whether locally or from a shipment, we will tear a plant down as soon as we get it, and examine it thoroughly at that time. We will again do the same thing after quarantine, before the plants go into our collection. I would strongly advise anyone, no matter if you get the plant from your best friend, to do the same thing, because you never know where that plant came from in the first place, and second "an ounce of prevention is the best cure."



Ruth Ottinger



Clarice Bell

THIS IS YOUR AVSA OFFICE

By Helen Van Zele

P. O. Box 843

Lemon Grove, Cal. 92045

I'm sure all of you have written "P. O. Box 1326, Knoxville, Tenn. 37901" many, many times. Would you like to follow your letter and see where it goes?

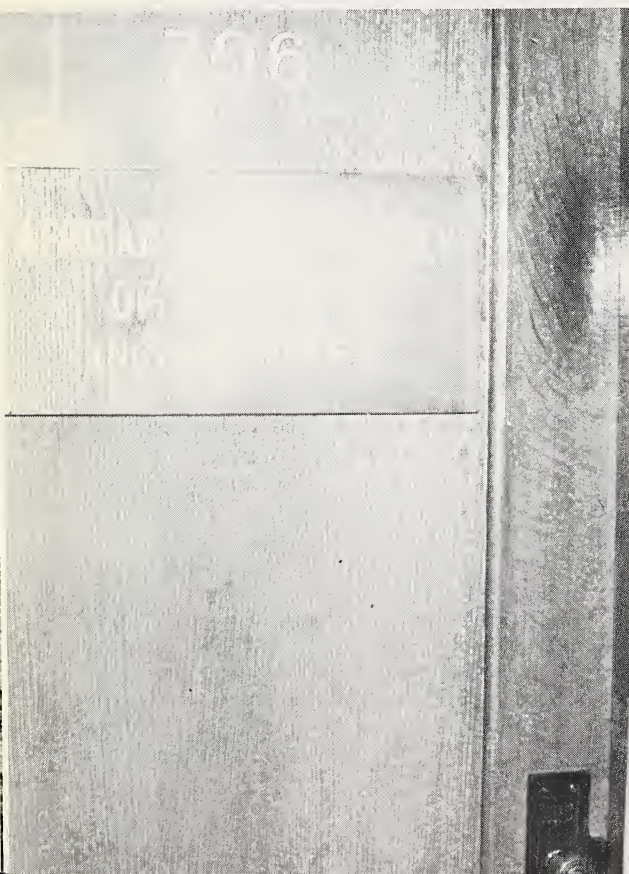
Every morning Mrs. Wade Bell, (Clarice) visits the Post Office, collects the contents of 1326, walks a few blocks to the Hamilton Bank Building, takes the elevator to the seventh floor, unlocks the door of 706, turns on the

lights, uncovers the typewriters which have undoubtedly been thankful for a night's rest, and begins her busy, busy day.

The room is large but there are desks, one for Clarice and one for Ruth Ottinger, her very capable and delightful helper, filing cabinets, and impressive looking contraptions which are the addressograph and address plate making machines, all of which make for very narrow aisles. At one end of the room is a door leading into a smaller room—large closet, let's say—the walls of which are lined from floor to ceiling with shelves on which are placed the boxes of slide programs, rolls of paper to wrap them when requested, Master Variety Lists, past issues of the AVSA Magazine, copies of old reports, stationery and various office supplies. Clarice is a small person, but full of drive and energy, so there is a handy step-stool which she climbs dozens of times a day to find the article needed. Everything is in its place and she can touch whatever she wants with her eyes closed.

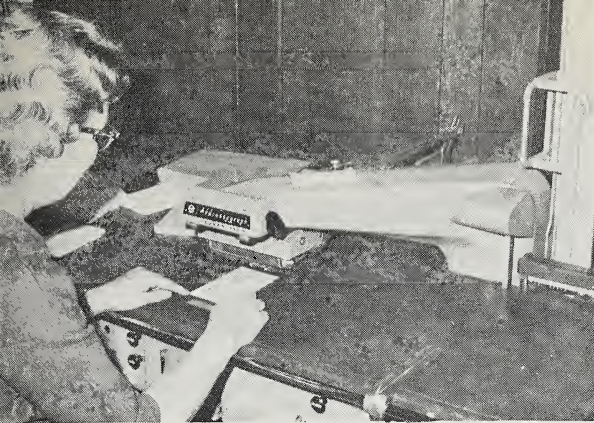
The filing cabinet contains the boxes of metal name plates which are fed box after box

Office Door



Orderly Filing Cabinets





Addressograph Machine

into the addressograph machine and the rolls of nearly 12,000 names which are to go on the magazines are sent to Gus Becker, our printer, in Beaumont, Texas, and are mailed from there.

All through the day Clarice wraps boxes of slide programs in answer to the many requests,

retypes the commentaries which go with them if the original ones have become too worn or lost, sends seals and jewelry, replies to the many letters asking for information and sends Culture Brochures instead of plants to the non-members who write: "Please send me a plant like my neighbor's. It has large purple flowers." The office has many visitors whom Clarice greets with her pleasant smile and answers the many questions they ask in her delightful Southern accent.

At five o'clock, or later if the day's work is not finished, she covers the tired typewriters, turns out the lights, gathers up the armful of boxes, the magazines requested, all the letters she and Ruth have written, locks the door of 706 and trudges back to the Post Office to deposit a large part of the day's work.

And THAT, Ladies and Gentlemen, is your AVSA office!

Here's A Solution For A Pesky Pest

*by—Mrs. Joseph J. Larose
Rt. 1 Saco, Maine 04072*

Although (knock on wood) I have never had mites and I must say I hope that they never do arrive for a visit, I have had one pest that paid me two visits and that was the Pritchard (soil) mealybug. These are the peskiest little so & so's to get but I think the best lesson I learned is to attack back where the most good will do.

First of all, it is so important to make periodic "spot" checks each week of the rootball. If they are present you'll know by the white cottony nubs here and there on the outside of the soil. These usually are the eggs and if there are eggs it means there are young as well as adult ones lurking thru-out the soil itself. The main thing to do, above all, is to take the plants from the pot and shake all soil from the roots; wash the roots with a solution of lysol and warm water. Now be sure that the soil is replaced with fresh *sterilized* soil. I emphasize this as one of the times I had contracted these pests was from soil I had purchased that did not state anything about being sterilized on the bag.

Wash Pots

Do *NOT* re-use the same pots until they have been washed and treated with a disinfectant. The first time I had them came to light on a shipment of African violets that had been shipped in from the South. In isolation, within a week and a half, they were simply covered with them. Those plants went thru

quite a siege of having "medication" but eventually the battle was won and the plants went onto being very lovely, healthy specimens.

What I have found the most beneficial in eradicating them has been the following: House & Garden Raid (this is very good in killing off any young or adults but for the eggs you need something more potent); a very good item I have found ever so useful in discouraging them from entering any other pots is to sprinkle a tablespoon of naphthalene flakes on the bottom of the pots before filling with soil. Cygon 2E is about the best I've found in eliminating the critters for good.

Treat Grits

Be sure though that you never neglect to treat the grits or what have you on your growing benches or else you will just continue the pest syndrome. You can use any of these successfully in drenching down your benches: Cygon 2E; Isotox; Chlorodane; or any systemic poison. Be sure that you don't miss any nook or cranny as these little scamps have a way of clearing out to higher ground when they think the long arm of the poison is after them and you want to make sure you treat all the areas to be positive that none are left to go on to a new crop damage.

Remember too, that they have a waxy coating so the poison you use must be of the type that will "melt" thru this coating and destroy them. I am a firm believer that nothing is a complete success unless it has been put thru the wringer. Altho I'm not any expert I favor having an exchange of experiences on these products. The solution to any problem no matter how trivial or complex is by passing on sane and profitable advice to those novices who are still struggling to cope with these insects or diseases that still plague the grower.

African Violet Society of America, Inc.

24th Annual Convention

APRIL 16 - 17 - 18, 1970

Pfister Hotel & Tower

Milwaukee, Wis.

CALL FOR 1970 ANNUAL MEETING

The annual meeting of the African Violet Society of America, Inc. will be held Saturday April 18, 1970 at 9 a.m. at the Pfister Hotel for the purpose of electing officers and transacting business that may properly come before the meeting.

CALL FOR 1970 BOARD OF DIRECTORS MEETING

The Board of Directors meeting will be held at the Pfister Hotel, Tuesday, April 14, 1970 at 8 p.m. for the purpose of transacting business that may properly come before the meeting.

Frank A. Tinari, President
African Violet Society of America, Inc

HOTEL RESERVATION — for 1970 AVSA CONVENTION and ANNUAL MEETING

Pfister Hotel & Tower, Milwaukee, Wis. April 16, 17, 18

Mail reservation to :
Pfister Hotel & Tower
414 E. Wisconsin Ave.
Milwaukee, Wis. 53202

Time A.M.

Time A.M.

Arrival Date P.M. Departure Date P.M.

NAME

Address

City State Zip Code

Please reserve accommodations as checked below:

	ROOM RATES plus 4% Wisconsin Sales Tax & 3% City Sales Tax			
	PFISTER BLDG.		NEW TOWER BLDG.	
Single Room	12.50	14.50	20.00	25.00
Double Bed	16.50	18.50	25.00	29.00
Twin Bedroom	17.50	20.50	25.00	29.00
Parlor & 1 Bedroom	35.00	40.00	50.00	55.00
Parlor & 2 Bedroom	47.50	75.00	75.00	125. / 150.

If rate requested is not available, closest available rate will be reserved.
For additional person in room, the extra charge is \$5.00.

All rooms with radio, TV and Air Conditioning.

Free parking for registered guests.

Reservations must be received no later than two weeks prior to opening date of convention and will be held only until 6 p.m. on day of arrival unless later hour is specified and payment guaranteed.

Editor's Note: Send in your reservation on a similar typewritten form as printed here if you do not wish to remove from magazine.)

REGISTRATION FORM

CONVENTION

*Pfister Hotel & Tower
Milwaukee, Wis.*

April 16, 17, 18, 1970

Check your status:	Board member <input type="checkbox"/>	Judge <input type="checkbox"/>
Individual member <input type="checkbox"/>	Life member <input type="checkbox"/>	Lifetime judge <input type="checkbox"/>
Commercial member <input type="checkbox"/>	Honorary Life member <input type="checkbox"/>	Judging School teacher <input type="checkbox"/>

PLEASE MAKE RESERVATIONS BEFORE APRIL 1, 1970

BE SURE TO BRING YOUR 1970 - 1971 AVSA MEMBERSHIP CARD

Please print

NAME **MR.** _____
MRS. _____
MISS (Last name) (First name) (Middle initial)

Address _____

City _____ State _____ Zip _____
Code _____

Registration for the entire convention show and reservations for the Thursday dinner meeting, Friday luncheon meeting and Friday banquet meeting total \$26.50 per member. One registration fee will admit any two members of a family living at the same address —husband and wife, parent and child, sisters or brothers.

If you can not attend the entire convention or if your spouse wishes to attend meal functions or tours, please check below which meetings and tours you will attend. We **MUST** know definitely how many to prepare for.

Number	REGISTRATION FEE	Price	Total
.....	Registration for entire convention	\$6.50	\$
.....	Registration for one day only	3.50	.....
One registration fee admits both husband and wife when either is a member, but does <i>not</i> include meals and tours.			

MEALS			
.....	Thursday, dinner meeting	7.00	.....
.....	Friday luncheon meeting	5.00	.....
.....	Friday banquet meeting	8.00	.....
.....	Friday, Judges & Teachers Continental breakfast	2.00	.....
.....	Friday, Commercial members breakfast	3.75	.....

TOURS			
All prices include admission fees.			
.....	A — Tuesday, Paine Art Museum and Candle Shops at Oshkosh, including luncheon	7.50	.....
.....	B — Tuesday Afternoon — What's New in Old Milwaukee	3.00	.....
.....	C — Wednesday, all day — same as Tour A — Oshkosh	7.50	.....
.....	D — Wednesday afternoon — same as Tour B — Milwaukee	3.00	.....
.....	E — Thursday morning — same as Tour B — Milwaukee	3.00	.....

TOTAL ENCLOSED \$

MAKE ALL CHECKS PAYABLE TO THE AFRICAN VIOLET SOCIETY OF AMERICA, INC.

Signature _____ Date _____

Sign and send reservations not later than April 1, 1970 to the Registration Chairman, Mrs. C. O. Sathre, 128 Kensington Drive, Madison, Wis. 53704.

Reservations will not be honored without remittance. Please assist the committee by making your reservation **EARLY**. Your tickets, badge and program will be ready on your arrival. **REFUNDS:** If circumstances make it necessary to change plans, contact the Registration Chairman before April 8, 1970 and money will be refunded.

(EDITOR'S NOTE: Send in your reservation on a similar typewritten form as printed here if you do not wish to remove from magazine)

MILWAUKEE CONVENTION PROGRAM SUMMARY

*By Edith Peterson
Program Chairman*

VIOLETS in VACATIONLAND—doesn't the very theme of our 24th Annual Convention sound intriguing! The AVSA enthusiasts in Wisconsin have been busily making plans for a wonderful Convention in Milwaukee. We are urging you ALL to make plans right now for attending the Convention.

- Come—to learn more about African violets and their culture.
- Come—to learn more about showing off your violets in arrangements and artistic designs.
- Come—to see a beautiful Show!
- Come—to see what our top hybridizers have new to show us!
- Come—to see a fascinating city.
- Come—to renew old friendships, to make new friends, and just thoroughly enjoy yourself!

Tuesday, April 14

For your convenience, the Registration desk will be open, both in the morning and in the evening.

An all-day tour to Oshkosh has been planned. On this tour, among other things we will stop to see a candle factory in operation, and will pay a visit to the famous Paine Art Center. Luncheon is included.

There will be an afternoon tour of the City of Milwaukee for those who can't take the all-day tour.

The Board of Directors will have an evening meeting.

Wednesday, April 15

The all-day tour to Oshkosh will be repeated for those who couldn't take it on Tuesday.

And in the afternoon, there will be a tour of the City of Milwaukee.

The registration desk will be open in the morning and again in the afternoon and evening.

In the evening, there will be a Social Hour—a chance to greet your friends. For your enjoyment, an interesting slide program will be presented by Mr. Glenn Hudson.

There will be an all-day session of the Board of Directors.

Thursday, April 16

The registration desk will be open all day. A Judging School will be held from 8:00 a.m. to 12:00 noon. This will be for all judges

(beginners and advanced) who want to secure or renew their judge's certificates.

Of course, a most important place to visit will be the Commercial Sales Room, which will be open all day (with the exception of the dinner hour).

Two interesting workshops are on the program. One—on favorite varieties and tips for growing them. The other—on arrangements.

A tour of the City of Milwaukee will be available Thursday forenoon for those who missed it on Tuesday and Wednesday.

A "Get Acquainted" reception will start our evening festivities at 6:00 p.m. This will give us a chance to say "Hi" to our many friends before the Convention officially convenes at the 7:00 p.m. dinner meeting. Our featured speaker will be Mr. Stanley C. Foll, a noted horticulturist, who has had a wide experience in many phases of horticulture.

And then—we will finish the activities for the day with a view of the beautiful specimen plants and arrangements in the show room!

Friday, April 17

The Judging School examination will be held from 8:00 to 9:30 a.m. for those who are securing or renewing their judge's certificates.

And for the judges who do not need to take the examination, there will be a continental breakfast and workshop—a two-hour session, starting at 7:30 a.m., conducted by Mrs. James B. Carey.

Commercial Members will also start the day early (7:30 a.m.) with a breakfast and workshop—this workshop will last till noon.

Two workshops are on the program for the forenoon. One will feature our Magazine with Gus Becker, our printer, and Grace Foote, our editor, on hand to tell us how the magazine is put together. The other workshop will be conducted by our Question and Answer Columnist—none other than Anne Tinari.

At the luncheon program, we will have a panel of commercial growers who, we hope, will let us in on some of their secrets!

Of course, the Exhibit Room and the Commercial Sales Room will be open—so there will be plenty of time to see the beautiful exhibits and to buy all whose new varieties that we just can't resist!

At 6:00 p.m. the President's reception will be held, just preceding the banquet.

Our speaker will be Dr. Christos C. Mpel-

(Continued on Page 61)

THE 1970 CONVENTION SHOW

SOCIETY AWARDS

AVSA Silver Cup.—To be awarded to the best registered variety in classes 1 thru 26 in the Amateur Division.

Award of Merit Rosette and \$15.00 cash.—To be awarded to the second best registered variety in classes 1 thru 26 in the Amateur Division.

Honorable Mention Rosette and \$10.00 cash.—To be awarded to third best registered variety in classes 1 thru 26 in the Amateur Division.

Gold Rosette Award.—To be given to the best collection of three registered different varieties, class 26 in the Amateur Division.

Purple Rosette Award.—To be given to the second best collection of three registered different varieties, class 26 in the Amateur Division.

AVSA Member Sweepstakes Awards.—Four silver bowls to be awarded to the four AVSA members who win the most blue ribbons in specimen classes in shows sponsored by Affiliated Organizations during the calendar year 1969 from January 1, to December 31 inclusive. In case of a tie, the winner will be selected by a drawing of names. Winners will be announced at the annual Friday night banquet. The President or Secretary of the Affiliated Organization must send to the AVSA Awards Chairman, Mrs. Glenn B. Hudson, 761 Belvidere Ave., Westfield, New Jersey 07090, by March 1, 1970 the following information: (a) Name of organization, (b) Name and address of member. (c) Number of ribbons won. (d) Dates and places of shows. This is an Amateur Award and not open to members qualifying as Commercial in accordance with Article II, paragraph 2, of the AVSA Bylaws.

Trophies for Commercial Display Tables.—Silver Bowl for the best Commercial Display Table. Silver Tray to the exhibitor of the second best Commercial Display Table. 6" Paul Revere Bowl to the exhibitor of the third best Commercial Display Table. Honorable Mention Rosette to the exhibitor of the fourth best Commercial Display Table.

New Introduction Award.—A plaque will be awarded to the commercial member having the best new introduction, class 6.

Commercial Silver Cup.—To the exhibitor of the best registered named variety in classes 1 and 2.

Commercial Gold Rosette Award.—To be given to the best collection of three registered varieties, class 2 in the Commercial Division.

Commercial Purple Rosette Award. To be given to the second best collection of three re-

gistered varieties, class 2 in the Commercial Division.

Year book awards — Class 41. — Three awards to be given by the Society Library as follows:

First prize	\$15.00
Second prize	10.00
Third prize	5.00

Blue Rosette — Standard Show Achievement.—A special Blue Rosette will be awarded at this AVSA convention to the Affiliated Organizations that have won the Green Rosette with at least 95 points during the calendar year from January 1 to December 31, 1969.

SLATE SUBMITTED BY NOMINATING COMMITTEE

The Nominating Committee respectfully submits the following slate of officers for the election to be held at the annual business meeting of the African Violet Society of America, Inc., at Milwaukee, Wisconsin, in 1970:

OFFICERS

President	Mrs. Helen Van Zele Lemon Grove, California
First Vice President	Mrs. Harold Rienhardt Syracuse, New York
Second Vice President	Mr. E. H. Dixon Mission, Kansas
Third Vice President	Miss Edith Peterson San Francisco, California
Secretary	Mrs. Edward A. Nelson St. Louis, Missouri
Treasurer	Mrs. Percy F. Crane Sharon, Massachusetts

DIRECTORS

Mr. Henry C. Peterson	Cincinnati, Ohio
Mr. Richard T. Meyers	Oreland, Pennsylvania
Miss Florence M. Garrity	Roslindale, Massachusetts
Mrs. M. G. Gonzales	San Jose, California
Mrs. W. F. Anderson	St. Louis, Missouri
Nominating Committee of the African Violet Society of America, Inc.:	
Past President	Mrs. James B. Carey
Member of Committee	Mr. Winfred E. Albright
Member of Committee	Mrs. Lizeta Hamilton
Vice Chairman	Mrs. Dorothy Gray
Chairman	Mrs. Jack Yakie

ASSORTED ISSUES

Assorted issues of the African Violet Magazine are to be sold in lots of 10 for \$1.25. If you're interested in obtaining such magazines for your shows or your friends or customers, write AVSA, P. O. Box 1326, Knoxville, Tenn, 37901.

SHOW SCHEDULE - AMATEUR DIVISION

THEME — "VIOLETS IN VACATIONLAND"

Milwaukee, Wisconsin — The Pfister Hotel & Tower
April 16, 17, 18, 1970

SECTION I — Specimen plants, single blossoms

Class

1. Purple
2. Light to medium blue
3. Pink
4. Rosy Pink
5. Red
6. Orchid and Lavender
7. White
8. Two-tone and multicolored

SECTION II — Specimen plants, double blossoms

Class

9. Purple
10. Light to medium blue
11. Pink
12. Rosy Pink
13. Red
14. Orchid and Lavender
15. White
16. Two-tone and Multicolored

SECTION III — Specimen plants, duPonts, Amazons and Supremes

Class

17. Double Blossoms
18. Single Blossoms

SECTION IV — Specimen plants, any type or size blossoms, any foliage

Class

19. Green or Chartreuse edged
20. Geneva edged
21. Bright Red
22. Variegated foliage
23. Miniature — including variegated foliage
24. Semi-Miniature — including variegated foliage

SECTION V — Specimen plants, may be single or double blossoms, any foliage

Class

25. Plants in unusual, decorative or novel container. Each exhibitor will be permitted only one entry consisting of one plant in the container. (See Rule 5)
26. Collection of three registered different varieties, single crown plants. (See AVSA awards and rules 5 and 15)
27. Specimen seedlings (never before exhibited at an AVSA show)
28. Specimen plants, sports and mutants (never before exhibited at an AVSA Show)

29. Specimen plants African violet species (such as *S. Grotei*, *tongewensis*, etc.)
30. Specimen plants Gesneriaceae Family (*Episcia*, *gloxinias*, etc. cross hybrids.)

DESIGN DIVISION

Other flowers, foliage and/or accessories permitted unless otherwise specified. The use of all plant material, living, dried, or treated is permitted. No artificial material will be permitted.

SECTION VI — Artistic Plantings

One or more African violet plants must be used in a pleasing design using other growing or cut plant material which has the appearance of growing. Plants must be growing in the container, not left in the pot. Accessories permitted. Staged in screens 28" high, 22" wide, 18" deep, and painted a light gray. Draping permitted. Limit of 6 entries to each class.

Class

31. "North Woods Beckon"

A planting with weathered wood. Our north woods are a mecca for vacationers, to come and relax amid pines and birch, beside crystal waters.

32. "Lakes Sparkle"

A planting with a reflecting pool. Thousands of beautiful lakes invite the weary city dwellers to swim or boat or just relax.

33. "Fisherman's Paradise"

A planting using fishing gear as a container or accessory. Big fish and little fish are abundant in the waters of our lakes. The muskellunge is the State fish.

34. "Sailor's Delight"

A planting with the feeling of boating. From swift power boats to the majestic sail boats, to the little canoes, there are rivers, lakes, and ponds to satisfy everyone.

35. "Winter Fairyland"

A planting with snow-covered evergreens. Winter Sports are featured in all parts of the state.

SECTION VII — Arrangements

African violet flowers must be used but need not predominate.

Class

36. The New Zoo

The Robin is our State bird. An arrangement featuring birds (stuffed birds not permitted) as accessories. Limit of 6 entries. Size of AMATEUR division—Rules and regulations—

space: 30" wide, 18" deep.

37. The New Museum

"A Street In Old Milwaukee". Size: 24" by 24". An arrangement using a "Gay '90's" container. Limited to 6 entries.

38. The New Horticulture Domes

An arrangement in a glass container which does not exceed 12" each way. Limited to 6 entries.

39. The New Art Museum

A horizontal line arrangement. Limited to

6 entries. 18" deep by 32" wide.

40. The New Music Hall

An arrangement saying "Bravo" to the prima donna. To be staged in a niche 24" high, 20" wide, 18" deep. Limited to 10 entries.

SECTION VIII Yearbooks

Class

41. Yearbooks (see Rule 16)

SECTION IX Educational

Class

42. Educational Exhibit

Amateur Division - Rules and Regulations

1. Entries must be made between 3:00-9:00 p.m. Wednesday, April 15, 1970 and Thursday, April 16, 1970 between 8:00 a.m. and 12:00 noon. Judging will be from 2:00-8:30 p.m.

2. Plants arriving too late to be entered will be shown for exhibition only.

3. Only clean healthy plants will be accepted, and must have been in the possession of the exhibitor at least three months.

4. An exhibitor may enter only one plant of each variety in classes 1 thru 24.

5. An exhibitor may enter plants of the same variety in classes 25 and 26 as those entered in classes 1 thru 24.

6. Each variety must be correctly named or subject to correction by the classification committee.

7. The Society will afford all possible protection to exhibits, but will not be responsible for any losses.

8. All plants entered in classes 1 thru 28 must be single crown plants.

9. Only Blue ribbon winners will be eligible to receive Special or AVSA awards.

10. If an entry is not entered by the owner, the name of such person making the entry must be on the back of the entry tag.

11. No flared top pots, supports or collars under foliage will be permitted. Any shape of pots specimen entries will be permitted. For uniformity all pots must be covered with dull side of aluminum foil. Exhibitors are to print their names on adhesive tape and attach to the bottom of the foil covered pot.

12. All entries in both Amateur and Commercial sections must be removed from 12:00 midnight Friday to 10:00 a.m. Saturday, April 18, 1970.

13. The show will be judged by merit method of judging, the decision of the judges will be final. Only qualified AVSA judges will be permitted to judge.

14. All amateur AVSA members may enter Class 26 to compete for AVSA Gold and Purple Rosette awards. (See Society Awards).

15. Only AVSA members in good standing are eligible to exhibit in convention shows.

16. All club yearbooks entered in class 41 must be mailed to Mrs. W. F. Anderson, 360 Tulip Drive, St. Louis, Mo. 63119 by March 1, 1970. These books must be no larger than 5½ x 8½ inches, being the same book that all club members receive. Books exceeding the maximum size will be disqualified. Only affiliated organizations are eligible to enter in this class.

17. Space will be reserved for anyone desiring to enter in the Artistic and/or Arrangement classes whose entry blank is received by March 10, 1970. Any entry after this date will be accepted only if there is a cancellation. See entry blank below.

RESERVATION FOR ARTISTIC AND ARRANGEMENT CLASSES

Name
Street
City & State Zip Code
Mail above blank to:

Mrs. Edwin Foster
11305 Bridget Lane
Hales Corners, Wis. 53130

PROGRAM SUMMARY

(Continued from Page 58)

kas, Plant Physiologist with Sylvania Lighting Products.

And after the banquet—one last look at the Show!

Saturday, April 18

The Annual Meeting is called for 9:00 a.m. Featured at this meeting will be a slide program of the new varieties of African violets.

There will be an afternoon meeting of the Board of Directors starting immediately after the close of the Annual Meeting.

Come early! Plan to stay till the very last minute!

Amateur Show - Special Awards

The Presidents Award, given by Mr. Frank Tinari.—A silver award to encourage selective hybridization, to be awarded to the amateur or commercial member displaying an African Violet showing distinct color break or outstanding color combination, classes 27 & 28 Amateur Division, classes 1 and Section II, Commercial Division.

Neva Anderson Award.—A silver award for the best entry in the arrangement class 38 "The New Horticultural Domes".

Atlas Fish Fertilizer Awards.—A trophy for the best specimen plant double pink, classes 11 & 17.

First African Violet Club of Beloit, Wis.—A \$10.00 award for the third best arrangement, classes 36 thru 40.

Benke's Greenhouse, Aurora, Ill. Award.—\$25.00 for the best specimen plant in the Gesneriaceae, class 30.

Bluemound African Violet Club, Wauwatosa, Wis. Award.—A \$10.00 award for the second best miniature, class 23.

Bergen County African Violet Society, Hackensack, N.J. Award.—\$10.00 for the best specimen plant of "Bergen Strawberry Sherbet".

Border Cities African Violet Society, Detroit, Mich. Award.—\$5.00 award for the best "Bright Red," class 21.

Ruth Carey Award for Affiliated Chapter Leadership. (1) This silver award to be given to an individual member of an Affiliated Chapter for outstanding leadership in promoting all phases of the Chapters activities in accordance with the objectives of the African Violet Society of America, Inc. (2) The Affiliated Chapters shall submit to the chairman, Mrs. Glenn B. Hudson, 761 Belvidere Ave., Westfield, New Jersey 07090, the candidate's name, address and list of accomplishments not later than Feb. 1, 1970.

Countryside African Violet Club, Oregon, Wis. Award.—\$5.00 award for the second best Gesneriaceae, class 30.

Crosstown African Violet Club, Madison, Wis. Award.—\$5.00 award for the best single, Two-tone and multicolored, class 8.

Miss Estah Cummings Award.—\$10.00 award for the best variegated foliage plant, class 22.

Dates Violetry, Sugar Grove, Ill. Awards.—\$5.00 for the best "Nymph Fly," \$5.00 for the best "Sabrina," \$5.00 for the best "Pink Wasp" \$5.00 for the best "Royal Mountbatten."

Atty. and Mrs. Daniel H. Eberhardt Award.—A Lenox Snack Tray for the best Artistic Planting, class 31 "North Woods Beckon".

Erffmeyer and Son Co., Inc. Awards.—A silver award for the largest blue ribbon specimen plant in the Amateur Show. A silver award for the best Artistic Planting, class 35 "Winter Fairyland".

Mrs. Leon Fiedler Award.—A \$5.00 award for the best single, light blue, class 2.

Mrs. Evelyn L. Foster Award.—A \$5.00 award for the best specimen plant double white miniature, class 23.

Granger Gardens Awards.—\$10.00 for the best specimen plant "Firebird," \$10.00 for the best "Carillon" and \$10.00 for the best "Cockatoo."

African Violet Society of Greater Kansas City, Mo. Award.—An award in the memory of Mr. W. Keith Meyers, \$25.00 for the most blue ribbons in the Miniature and Semi-Miniature, Classes 23 & 24.

Hudson Award.—A silver award to the best specimen plant of African Violet species, class 29.

Kolb's Greenhouses Awards.—\$10.00 for the best specimen plant "Stateliner," \$10.00 for the best "Lavender Fringe."

Indianapolis African Violet Club Awards.—\$25.00 award for the best seedling, Class 27, or sport or mutant, class 28 (never before exhibited at an AVSA Convention Show.). \$25.00 award for the best arrangement, classes 36 thru 40.

Indiana State African Violet Society Award.—A plaque to the registrant of the best registered named variety.

Bob Kramer's Violetry Awards.—\$10.00 award for the best specimen plant "Adele Tretter," \$10.00 award for the best "Pride of St. Louis," and \$10.00 for the best "Sparkler."

Mrs. Marvin Luttrup Award.—A silver and crystal bowl for the best entry in the Arrangement class 37 The New Museum "A Street in Old Milwaukee".

Lyndon Lyon Awards.—\$10.00 award for the best specimen plant of "Pink Pansy," \$10.00 for the best "Baby Dear," and \$10.00 for the best "Butterfly White."

Madison Gardens Awards.—\$10.00 for the best specimen plant of "Blue Vanessa," and \$10.00 for the best "Sparkling Verva."

Milwaukee African Violet Society Award.—A silver tray for the best single, pink, class 3.

Metropolitan St. Louis African Violet Society Award.—A silver trophy to the winner of the most blue ribbons in the Arrangements and Artistic Plantings, classes 31 thru 40.

St. Louis Judges Council Award.—A silver award for the best specimen plant, minia-

ture, class 23.

African Violet Society of Minnesota and Upper Midwest Area Award. — \$5.00 award for the second best specimen plant, double red, class 13.

New Jersey Council of African Violet Club Award. — A memorial award to the memory of Mrs. Victor Gaug, a silver tray to the best entry in the Artistic Plantings, classes 31 thru 35.

New Jersey Council of African Violet Judges Award. — A silver award to the second specimen plant, double pink, classes 11 and 17.

Northern California Council of African Violet Societies Award. — \$25.00 award for the best specimen plant of "Helen Van Zele" (Tinari).

Oconomowoc African Violet Society of Oconomowoc, Wis. Award. — A \$10.00 award for the best entry, class 25 "Plants in unusual, decorative or novel container."

Rainbow Violeteers, Brookfield, Wis. Award. — A silver award for the best specimen plant, "Rosy Pink," class 12.

Racine African Violet of Racine, Wis. Award. — A \$10.00 award for the third best Arrangement, classes 36 thru 40.

Stim-U-Plant Laboratories, Inc. Awards. — Plaque and \$50.00 for the best registered variety classes 1 thru 26. Plaque and \$25.00 for the best purple or blue. Plaque and \$25.00 for the best red. Plaque and \$25.00 for the best white.

Sylvania GRO-LUX Awards. — Three GRO-LUX table top planters to be awarded to the best specimen plant; (1) Best double blossom, Two-tone or Multicolored, class 16. (2) Best Geneva edged, class 20, (3) Best Semi-miniature, class 24.

The African Violet Society of Staten Island, N.Y. Award. — A silver award for the second best arrangement, classes 36 thru 40.

Tinari Greenhouses Award. — A silver trophy for the best specimen plant of "Diamond Jubilee."

Tube Craft Award by Mr. B. D. Wiley President. — A model BA3 Tube Craft Flora-Cart, complete with top bracket and fluorescent fixtures, to the person having the best specimen plants in three colors, one true purple, one pink and one white.

Union County Chapter of the AVSA, Watchung, N.J. Award. — A silver award for the second best Artistic Planting, classes 31 thru 35.

Maisie Yakie Award. — \$5.00 for the best specimen plant, single blossom, Rosy Pink, class 4.

Joan Van Zele Award. — Trophy and \$25.00 for the best specimen plant of "Joan Van

Zele" (Lyon).

Helen and Joan Van Zele Award. — Trophy and silver cup to the winner of the most blue ribbons in the specimen classes 1 thru 26.

Wisconsin Council of African Violet Clubs Award. — A silver award to the best Specimen plant, double, light to medium blue, class 10.

Mrs. T. H. Trimble, Atlanta, Ga. Award. — \$5.00 award for the best Artistic Planting, class 33 "Fishermans Paradise".

Champion's African Violet Award — \$10.00 cash for the best specimen plant of "Silver Champion".

Estelle Crane Award. — A silver award to the exhibitor winning the most blue ribbons in the Gesneriaceae, class 30.

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Commercial Members
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DID YOU KNOW . . .

That Mrs. Duane Champion, who grows such beautiful variegated African violets, received her first African violet 23 years ago and she was so interested that she immediately started to hybridize? Mrs. Champion owns and operates Champion's African Violets in Clay, New York. She has written numerous articles for The African Violet Magazine concerning variegated varieties.

Commercial Show Schedule

SECTION I Specimen Plants

Class 1.

- a. Seedlings
- b. Richter Originations
- c. Any other specimen plant. All varieties African Violets, species and other gesneriads.

Class 2.

Collection of 3 registered, different varieties of African Violets for AVSA Gold and Purple Rosette awards.

SECTION II Commercial Display Tables

Class 3 Specimen Plants

Class 4 Staging of Display

Class 5 Horticultural Perfection

Class 6 New Introduction

RULES SECTION I

1. Section 1, classes 1 and 2 are open to all AVSA commercial members who do not have a display table.
2. An exhibitor may enter any number of African Violets, species or other gesneriads, but only one plant of the same variety.
3. Same rules and regulations as Amateur Division apply to Section 1. See Society Awards for Gold and Purple Rosette rules.

RULES FOR DISPLAY TABLES

SECTION II

4. Each display shall contain not more than 25 plants. Three miniatures or semi miniatures shall count as one specimen plant and be judged as one unit. Episcias, columneas and other gesneriads on the table shall count as part of the total 25.
5. All plants shall be single crown plants with the exception of species.
6. Same rules and regulations as Amateur Division apply where applicable; such as time of making entries, time for dismantling, etc.
7. Commercial Silver Trophies and an Honorable Mention Rosette will be awarded as merited to the exhibitors receiving the highest number of points, accumulated as follows: Blue rosette—15 points, Red rosette—13 points, White rosette—10 points; Blue ribbons—5 points, Red ribbons—3 points, White ribbons—1 point.
8. Merit judging will be used in class 3, with blue, red and white ribbons awarded as merited. Class 4 will be judged competitively using the AVSA scale of points for Best Staged Display. Competitive judging will be used in classes

5 and 6. Class 6 will be judged by AVSA scale of points for seedlings. Blue, red and white rosettes will be awarded as merited in classes 4, 5 and 6.

9. No other plant material such as Ivy or Philodendron may be used in decorating or staging the display.
10. The display must be predominantly African Violets. Other gesneriads may be used, but 75% of the plants must be African Violets.
11. The commercial judges chairman shall prepare point score sheets in advance of the show, listing types of rosettes and ribbons, with spaces to be filled in by the judges or judges clerks as to points awarded. Points will be totaled so that all exhibitors will understand clearly how the trophies are awarded. Sheets will be given to each exhibitor to keep.

For further information on commercial displays or show entries, please contact the Commercial Sales and Exhibits chairman.

Mrs. Harold Rienhardt
4463 W. Seneca Tpk.
Syracuse, N.Y. 13215

ATTENTION . . . COMMERCIAL MEMBERS

May I call attention to Rule 5 in the show rules for commercial display tables. All plants must be single crown with the exception of species. This will include all entries for the new introduction award. This ruling is new this year and was passed by your Board of Directors at the Philadelphia convention. See minutes of the Board meeting, page 71 of the September 1969 Magazine under Chairman of Shows and Judges, Ruth Carey's report.

Also the scale of points for judging seedlings has been changed. The new scale of points to be used this year will be found in the same place. Any questions, contact Mrs. Rienhardt.

SEATING ARRANGEMENTS AT CONVENTION EVENTS

All tables for meals will be numbered and the seating will be assigned on the basis of registrations as they are received.

Members desiring to be seated at the same table for meals should send in their reservations together. Tables will accommodate 8 persons.

Members who enjoy meeting people from other sections of the country will have their seating so arranged.

Commercial Division - Special Awards

Marian and Winfred Albright Award.—A silver award to the exhibitor of the best staged Commercial Display Table.

Albert H. Buell Awards — A silver award to the best seedling in the Commercial classes entered by an exhibitor not having a display table, class 1. A silver award to the second best seedling, class 1.

Richter's Greenhouse Awards.—\$15.00 to

the commercial member exhibiting the best specimen plant of Richter's introduction, not having a display table, classes 1 and 2. \$10.00 to the commercial member exhibiting the second best specimen plant of Richter's introduction classes 1 and 2.

Erffmeyer and Son Co., Inc. Award.—A silver award to the commercial member having the second best new introduction in class 6.

Convention Tours

Board all buses at the East Entrance which is Jefferson Street.

TUESDAY, APRIL 14, 1970

Two special "Early Bird Tours" have been arranged for early arrivals, especially the members of the Board of Directors and the local chairmen and workers who will be unable to take the Wednesday tours.

8:30 - 5:30

All day tour to Oshkosh — An 80 mile trip by comfortable Badger Coach buses that will enrich your life. It's well worth while for everyone.

12:30 - 4:00

Afternoon Tours. "What's New and Old in Milwaukee"

Beginning at the Lake (Michigan) front you will pass through downtown Milwaukee, the City Hall, Joan of Arc Chapel, Marquette University and other famous buildings and statues. You will cross the Milwaukee Industrial Valley to arrive at the uniquely constructed domes of the Mitchell Park Conservatory. You will be taken on a conducted tour through an arid region, a semi-arid region and tropical vegetation where climates are controlled to show an international collection of flowers and plants in their natural settings.

You will then pass the huge Veteran's Hospital, Milwaukee County Stadium and travel on the freeway to get a glimpse of our new Milwaukee county zoo — one of the finest and most modern in the world.

You will visit the famed Annunciation Greek Orthodox Church which was designed by our Wisconsin-born architect, Frank Lloyd Wright. Your last stop will be the Miller Brewing Company where you will be taken on a guided tour and be served "refreshments" before embarking on your return trip by way of the new museum and the Center for the Performing Arts.

WEDNESDAY, APRIL 15, 1970

8:30 - 5:30

All day tour to Oshkosh — Same as Tuesday.

12:30 - 4:00

Afternoon Tour — "What's New and Old in Milwaukee."

Same as Tuesday.

(For those who will attend the workshops and Judging School Thursday Morning)

THURSDAY, APRIL 16, 1970

Morning Tour — "What's New and Old in Milwaukee."

The Tours Committee has decided on the repeat tours to avoid conflict with other convention functions so that everyone will have equal opportunity to see a few of the Highlights of Milwaukee. Brochures in your Kit bags and our Information Committee will recommend other places for you to visit.

Be sure to spend some time at Sternkopf's and Watts Tea Room just across the street from the hotel (to the north). You will be delighted to see a fabulous display of gifts of all types and just to the north at 775 N. Jefferson you will be entranced with imported furniture and gifts from the ports of the world at Talisman House.

Many other shops, stores and many dining places are within walking distance of the Pfister Hotel — as is the War Memorial on our lake front.

Special Award Open To All AVSA Members

Krogman Award.—\$10.00 cash award offered by Mrs. Adeline Krogman, Membership and Promotion Chairman, for the best promotional poster entered in the 1970 AVSA Convention at Milwaukee. For details use page 21 of the September issue of the African Violet Magazine.

PROPOSED AMENDMENTS

Notice of proposed amendments to the by-laws of the African Violet Society of America, Inc.

Proposed amendments are as follows:

Amendment #1. Amend by striking out "Affiliated Chapters" and inserting "Affiliate".

ARTICLE III—Section 4, which reads as

CHARTERS: Shall be issued to all affiliated groups upon registering the name of the group with the Affiliated Chapters Chairman. A president's card is available to those groups who supply the name and address of the group president.

is proposed to be changed to read as follows:

CHARTERS: Shall be issued to all affiliated groups upon registering the name of the group with the Affiliate Chairman. A president's card is available to those groups who supply the name and address of the group president.

Amendment #2. Amend by striking out "Affiliated Chapters" and inserting "Affiliate".
first paragraph,

ARTICLE VIII—Section 1, which reads as follows:

STANDING COMMITTEES: shall not exceed fifteen (15) in number including Affiliated Chapters, Awards, Boyce Edens Research Fund, Commercial Activities, Commercial Sales and Exhibits, Convention Program, Convention Time and Place, Finance, Library, Membership and Pro-

motion, Nominating, Plant Registration, Publications, Research, Shows and Judges. These committees shall perform duties as specified in the bylaws, standing rules, and as ordered by the Board of Directors.

is proposed to be changed to read as follows:

STANDING COMMITTEES: shall not exceed fifteen (15) in number including Affiliate, Awards, Boyce Edens Research Fund, Commercial Activities, Commercial Sales and Exhibits, Convention Program, Convention Time and Place, Finance, Library, Membership and Promotion, Nominating, Plant Registration, Publications, Research, Shows and Judges. These committees shall perform duties as specified in the bylaws, standing rules, and as ordered by the Board of Directors.

Amendment #3. Amend by striking out the section providing for research memberships and substituting a section that shall provide for sustaining memberships.

ARTICLE II—Section 2, paragraph d, which reads as follows:

RESEARCH: which shall be those paying research membership fee: 85% of the receipts therefrom shall be applied to the research fund of the society.

is proposed to be changed to read as follows:

SUSTAINING: which shall be those individuals or organizations interested in the objects of this Society and paying the Sustaining Membership fee.

ADVANCE REGISTRATION FOR JUDGING SCHOOL CLASS FOR NEW AND REFRESHER JUDGES

Pfister Hotel & Tower

Milwaukee, Wisconsin

Thursday, April 16, 1970

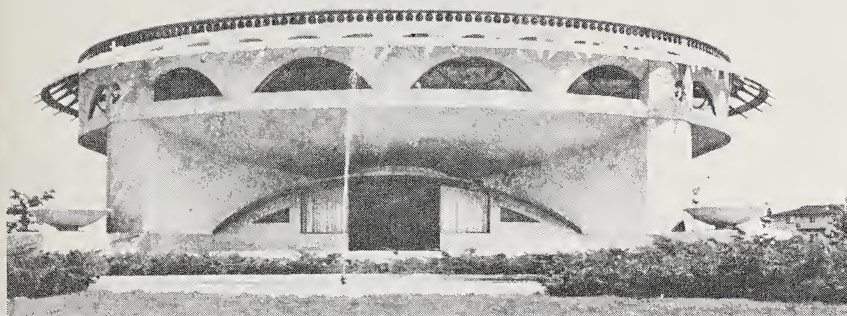
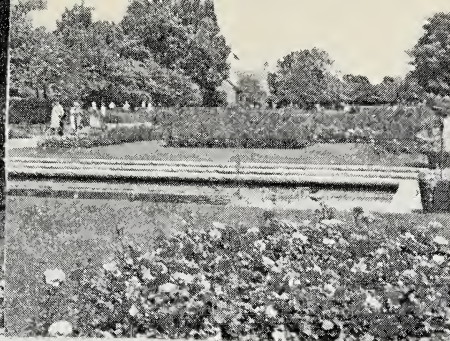
A class for new and refresher judges will be held from 8:00 a.m. to 12:00 noon in the Kennedy & Roosevelt rooms for judges desiring to refresh their certificates and for those desiring to become new judges. The examination will be held Friday, April 17, 1970 from 8:00 a.m. to 9:30 a.m. in the Grand Ball room Section C. Registration fee is \$1.00.

Name

Street

City State

Sign blank and send your registration fee of \$1.00 to Ruth G. Carey, 3900 Garden Drive, Knoxville, Tenn. 37918 no later than March 20, 1970 if you wish to attend. Make checks payable to African Violet Society of America, Inc. Please study your African Violet Handbook before coming to the class.



DISCOVER MILWAUKEE — Discover the Old World charm of Milwaukee. Milwaukee's city hall (right) typifies the old charm of the city. The 393-foot structure was built in 1895 in a Flemish Renaissance style. Whitehall Park (top center) also has the Old World charm with its blooming gardens featuring over 1,000 floral species. The Performing Arts Center (top left) gives Milwaukee one of the nation's most modern and functional facilities for theater, music and the dance. Wisconsin-born Frank Lloyd Wright designed the famed Annunciation Greek Orthodox Church (bottom) reminiscent of the Byzantine era.

Violets In Vacationland

See what Wisconsin has to offer. Plan now to attend the 1970 convention of the African Violet Society in Milwaukee April 16-18.

Join the "IN" crowd for an all day bus tour to Oshkosh. You will go on a guided tour of the huge Lenox Candle Factory — a subsidiary of the Lenox China Company which manufactures the famous Paragon candles. You will also visit the Cabin Candle Shop where you will find many lovely displays as well as raw materials for do-it-yourselfers. You may wish to browse or buy — to your heart's content.

You will dine at the famous Pioneer Inn Marina where you overlook the beautiful Lake Winnebago, Wisconsin's largest lake.

You will see the beautiful Paine Art Center whose architecture is similar to many old manors one might see in England today — incorporating a number of historic styles. This lovely Tudor house illustrates a French influence on English tastes featuring beautiful paintings, period rooms, Oriental rugs and ornate furniture. Built in 1927 by Nathan Paine, a Wisconsin lumber baron, it was intended to be

a combination of architectural detail covering a 300-year period which would provide a broad educational base for a public art center. The uniquely hand-carved, oak woodwork, paneling and intricate oak staircase, all hand-carved by expert craftsmen, is truly fantastic.

Across the street from the center you may have the opportunity to see a unique "Apostle's Clock". On the hour, the figures of the 12 disciples file out of the clock and past the figure of Christ. The clock was completed in 1895 by an Oshkosh man after six years of work. As the figure of Judas passes, he turns his head away.

While enroute to and from Oshkosh you will drive along the shores of scenic Lake Winnebago and will also see some of the glacial formations of the Kettle Moraine area — in a Wisconsin State Forest.

CONVENTION DATES

- 1970—Milwaukee, Wis., April 16-18, Pfister Hotel.
- 1971—San Francisco, Calif., Sheraton Palace Hotel, April 22-24.
- 1972—New York City, Hotel McAlpin, April 20-22.
- 1973—Twin Cities, St. Paul and Minneapolis, Minn., Pick Nicollet Hotel, April 26-28.
- 1974—Connecticut.

ATTENTION QUALIFIED JUDGES

All qualified judges who plan to attend the convention and desire to judge in the Milwaukee Convention Show, please fill in the blank and mail to Ruth G. Carey, 3900 Garden Drive, Knoxville, Tenn. 37918 no later than March 10, 1970.

Name

Street

City State

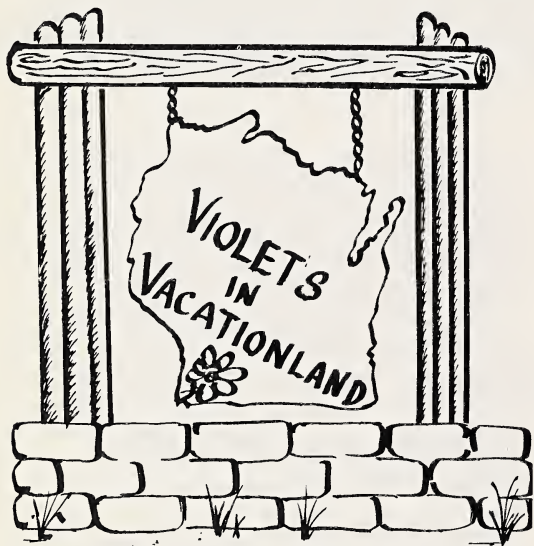
Zip Code

AVSA Judge Lifetime Judge

National Council Judge

THE AFRICAN VIOLET SOCIETY OF AMERICA, INC.

TWENTY-FOURTH ANNUAL CONVENTION



**PFISTER HOTEL, MILWAUKEE, WIS.
APRIL 16-17-18, 1970**

GET PLANTS READY

No plant that was left at home ever won a ribbon at an African violet show — whether it be a local show or at a national convention.

So . . . take a look at your plants. Get them ready for your next show — and don't forget the AVSA convention and show in Milwaukee April 16-18. You may win one of the many awards being offered.

JUDGE'S CLERKS

Anyone living outside the general Milwaukee area desiring to serve as a judge's clerk for the 1970 Milwaukee convention show please fill in the blank and mail to Mrs. J. J. Hinton, 2480 Rockway Lane, East; Brookfield, Wis. 53005 by March 1, 1970.

Name

Street

City State

Zip Code

HOSTESSES FOR CONVENTION SHOW

Anyone desiring to serve as a hostess for the convention show, please fill in the following blank and mail to Mrs. Arthur Geisler, 1516 E. Olive St., Milwaukee, Wis. 55211 no later than March 1, 1970.

Name

Street

City State Zip Code

COME TO CONVENTION

*Mrs. David Stilp
Oconomowoc, Wis.*

Hi, there! Winconsin is waiting for you
To come to Vacation Land;
So many places for you to see
So many things are planned.

You'll be glad to see and greet old friends
Meet new ones by the score;
Look over those lovely violets
Take home a dozen or more.

We know you'll enjoy the festivities
And be happy while you are here;
You'll want to sit down and relax for a while
And sample our famous beer.

We heartily extend a welcome
And say — "Come one! Come all!
Don't miss the fun in Vacation Land
We'll see *you* in Convention Hall."

**Start Now
Preparing for
MILWAUKEE
CONVENTION
April 16 - 18, 1970**



POLE VIOLETS—Mrs. J. B. Griffiths of Fredericton, New Brunswick, Canada, is shown with African violets she grew on a pole of peat moss and chicken wire. This plant is only one of her experiments. She has been "experimenting" with African violets for more than 30 years.

Calling Flowers Weeds Annoys Canadian Grower

Mrs. J. B. Griffiths of Fredericton, New Brunswick, Canada, has been growing plants as a hobby for over 30 years. She describes herself as a "plant person" and says, "I have an interest in everything that grows, even weeds."

But when a newspaper reporter wrote an article about her and her hobby and in the first paragraph said, "Most people have had their headaches over weeds growing in their gardens, but what about purposely planting and cultivating them?", Mrs. Griffiths was annoyed. She said, "She referred to our trilliums, trailing arbutus, ladies slippers, jack-in-the-pulpits — in fact all our wild flowers — as weeds!"

Mrs. Griffiths, who is a member of the Moncton African Violet Society and both the Canadian AVS and the African Violet Society of America, Inc., has approximately 500 varieties of African violets. However, she maintains she does not grow show plants. "My main concern is experimenting with violets or play-

ing around with them," she says.

Her Experiments

Some of her experiments include the growing of African violets outdoors, and again growing them on a pole of peat moss and chicken wire.

"I am by no means an expert", she explains, "strictly amateur. I know what they will do for me — and I don't want anyone to think that what I say is the right opinion."

Of the African violet she pointed out that many persons were "over cautious" and tend to "kill them with kindness." She explained that the African violet does better in a pot that appears to be too small for it. A larger pot has too much earth and will hold too much water for the plant, she said, adding, "Another thing that many growers consider taboo is putting water on the leaves of violets. This is wrong. I have shocked more people by washing my plants. The only problem with getting water on the leaves comes when they are put immediately in direct sunlight."

Expensive Hobby

Mrs. Griffiths said that hers was an expensive hobby, and sometimes the first blooms are very disappointing.

"Sometimes it takes two years before an African violet will reach its full capacity," she explained and summed up by saying that all African violet growing is common sense.

DR. SYDNEY CRAWCOUR DIES IN AUSTRALIA

It was with much shock that we learned of the death of Dr. Sydney Crawcour, founder and first president of the African Violet Society of Australia. It is impossible to overestimate the extent of Dr. Crawcour's influence on the Australian Society. His bubbling enthusiasm was the "yeast" which got it moving while in the first few critical months his fund of ideas shaped its ultimate form.

Dr. Crawcour had several African violets registered with AVSA, chief among which were "Ayers Rock", "Timbertop", "Star Gazer" and "Blue Stocking".

Dr. Crawcour attended the AVSA convention in 1959 in Detroit and had hoped to be in Boston for the 1967 convention. However, he was unable to make it.

MITE PROBLEMS

Mites are and probably always will be one of the most serious pests affecting African violets. And when mites become resistant to a miticide, the problem becomes worse. Resistance occurs when a grower uses a miticide or one of a particular group of miticides over a long period.

Bylaws of the African Violet Society of America, Inc.

Organized November 8, 1946
Incorporated June 30, 1947

Adopted At Regular Annual Meeting
Philadelphia, Penn., May 13, 1950
As Amended St. Louis, Mo., April 20, 1968

ARTICLE I

Name and Object Section 1

NAME: This society shall be known as the African Violet Society of America.

Section 2

SEAL: The corporate seal of the society shall be kept at the business office of the society.

Section 3

NON-PROFIT: This society shall be and exist as a non-profit organization.

Section 4

OBJECT: The object of the society shall be to afford a convenient and beneficial association of persons interested in the African Violet (*Saintpaulia*); to stimulate a widespread interest in the propagation and culture of African violets; to promote ways and means for the distribution of all varieties and species, among the members and others interested in growing them; and to gather and publish reliable, practical information concerning this organization, the culture and propagation of the African violet and other articles of interest to the members.

ARTICLE II

Membership and Dues Section 1

ELIGIBILITY: Any person interested in the growing of African violets shall be eligible to membership in this society.

Section 2

CLASSES: There shall be six (6) classes of membership in the society, namely:

a. INDIVIDUAL: which shall be any one person.

b. ASSOCIATE: which shall be any person living at the same address as a person having any other class of membership. An associate member shall not receive the society magazine or notices of meetings and bylaws amendments carried therein, but shall have all other privileges of an individual member by paying half the dues required for individual membership.

c. COMMERCIAL: which shall be all persons or firms, who advertise consistently and/or sell one thousand (1,000) or more African violet plants or leaf cuttings annually or who manufacture or advertise for sale, fertilizer, disease and insect control materials, equipment, tools or any other merchandise pertaining to or applicable to growing African violets.

d. RESEARCH: which shall be those paying research membership fee, 85% of the receipts therefrom shall be applied to the research fund of the society.

e. LIFE: which shall exempt such members from annual dues upon payment of the life membership fee.

f. HONORARY LIFE: which shall be persons given a life membership by the society for outstanding services. They shall have all of the privileges of membership, but shall be exempt from future payment of dues.

Section 3

AWARD MEMBERSHIPS: may be given by the Awards Committee with the approval of the executive committee provided not more than one (1) honorary life membership nor more than ten (10) yearly memberships may be

awarded during any one (1) term.

Section 4

REVOKE: The Board of Directors may revoke any membership for just cause provided that refund shall be made to life members in the amount paid by them minus the accumulative sum for individual membership to date of revocation.

Section 5

DUES: The amount of dues for each membership shall be determined by vote of the Board of Directors provided that no increase shall exceed fifty percent (50%) of the amount paid in the current year, or be effective within twelve (12) months of any previous increase. Dues shall be payable in advance, to the treasurer of the society and shall cover any twelve (12) month period.

Section 6

MEMBERSHIP VOTE: Each paid to date membership shall entitle the holder to voice and vote in the business meetings of the society

ARTICLE III

Affiliations and Charters Section 1

AFFILIATED CHAPTERS: Any group of persons interested in African violets may form a chapter and affiliate with the society upon payment of the fee set for such affiliation and in return they shall receive copies of publications which may be sent to any member of their choice; the Green, Blue, Gold, and Purple Rosette awards and other awards as may be determined by the Board of Directors in the future, and library service if desired.

Section 2

Groups of members and/or societies in one or more states or countries may affiliate as Councils, State Societies or Regional Group Societies upon payment of the fee set for such affiliation and shall be entitled to receive the Green, Blue, Gold, and Purple Rosette awards, library service, and the Silver Sweepstakes Bowl.

Section 3

JUDGES COUNCILS: Groups of judges from one or more states, districts, or areas may affiliate as Judges Councils upon payment of the fee set for such affiliation and in return they shall be entitled to the Green, Blue, Gold, and Purple Rosette awards, library service, and the Silver Sweepstakes Bowl.

Section 4

CHARTERS: shall be issued to all affiliated groups upon registering the name of the group with the Affiliated Chapters Chairman. A president's card is available to those groups who supply the name and address of the group president.

Section 5

VOTING STATUS: Affiliated groups as such shall have no voice or vote in the society business meetings and no member of a group may use the group's affiliation for individual membership privileges.

Section 6

REVOKE: The Board of Directors may revoke any charter for just cause, but no individual member shall lose membership because of the loss of the group charter.

ARTICLE IV

Meetings and Quorum

Section 1

ANNUAL MEETINGS: shall be held at the convention which shall be held at such time and place each year as the Board of Directors shall determine.

Section 2

SPECIAL MEETINGS: may be called by the Board of Directors or the president and two (2) other elected officers.

Section 3

QUORUM: at any of the society meetings shall be fifty (50) individual members, each of whom must be able to produce a paid to date membership card.

Section 4

QUORUM: at any meeting of the Board of Directors shall be ten (10) members of the Board.

ARTICLE V

Officers and Their Duties

Section 1

ELECTIVE OFFICERS: The elected officers of this society shall be:

- a. **PRESIDENT:** who shall have general superintendency of the affairs of the society; preside at meetings of the society, Board of Directors, and executive committee; keep informed on all work of the society and make reports thereon as may be required, appoint committee chairmen; fill all vacancies in offices and committees during the term; countersign checks drawn on the treasury; be a member ex-officio of all committees except the nominating; and assume other duties necessary in the best interest of the society.
- b. **FIRST VICE PRESIDENT:** who shall preside at meetings in the absence of the president or when called upon; countersign checks when the president or treasurer cannot sign; and perform other duties as assigned.
- c. **SECOND VICE PRESIDENT:** who shall preside at meetings in the absence of the president and first vice president or when called upon; and perform other duties as assigned.
- d. **THIRD VICE PRESIDENT:** who shall preside at meetings in the absence of the president, first and second vice presidents or when called upon, and perform other duties as assigned.
- e. **SECRETARY:** who shall be responsible for keeping accurate records of the meetings of the society, Board of Directors, and executive committee; and assume other duties relative to the office or that may be assigned.
- f. **TREASURER:** who shall be responsible for the safe keeping of the society funds and payment of bills by checks signed by two (2) of the three (3) officers recognized by the banks to sign checks; keep an accurate book record of all monies received and disbursed; render financial reports as the Board of Directors may require; and help prepare the annual budget in detail. He shall be bonded in an amount set by the Board of Directors and shall submit all records related to the treasury for audit annually by a Certified Public Accountant selected by the executive committee. The cost of both audit and bond shall be included in the budget and be paid by the society. The Certified Public Accountant's report shall be sent to the members of the Board in advance of each annual meeting.

Section 2

DIRECTORS: There shall be fifteen (15) directors elected from the membership-at-large, one (1) of which shall be a resident of the Dominion of Canada. They shall be elected to serve terms of three (3) years each, five (5) being elected each year.

Section 3

PARLIAMENTARIAN: A parliamentarian may be appointed by the president to serve at the annual meeting, or for the entire term, remuneration to be decided by the Board of Directors.

ARTICLE VI

Nominations and Elections

Section 1

ELIGIBILITY: To be eligible to hold office in this society a nominee must be a member in good standing and have served at least one (1) year as a member of the Board of Directors.

Section 2

TERMS OF OFFICE: The terms of officers shall be one (1) year or until their successors are elected and each term shall begin at the conclusion of the annual convention at which they are elected excepting that of the directors, which shall be governed by Section 2, of Article V. No elected officer shall serve more than two (2) consecutive terms in the same office excepting the treasurer whose terms may be unlimited and the directors who shall not succeed themselves.

Section 3

NOMINATIONS: shall be offered as follows:

- a. By a nominating committee.
- b. From the floor, the nominees being present.

Section 4

ELECTIONS: shall be by ballot excepting when there is only one (1) name in nomination for an office, in which case the secretary may cast the ballot or it may be dispensed with in favor of viva voce voting.

ARTICLE VII

Administration and Management

Section 1

The Board of Directors shall consist of the elected officers, the fifteen (15) directors, the immediate past president, and the chairmen of standing committees. This Board shall:

- a. Manage the society affairs between annual meetings.
- b. Have the same officers as those elected by the society.
- c. Meet regularly immediately before and after the annual convention of the society. Special meetings may be called by the president or upon request of the executive committee.
- d. Set the policies of the society and make their own standing rules provided they do not conflict with the bylaws of the society.
- e. Appoint an editor of publications, who shall be responsible for the preparation and issuance of all publications as authorized by the Board of Directors.
- f. Submit the minutes of all meetings of the Board of Directors for publication in one of the first two African Violet Magazine issues following the convention.

Section 2

THE EXECUTIVE COMMITTEE: shall consist of the elected officers and they shall have the authority to conduct any necessary business of the society during the interim between meetings of the Board of Directors.

Section 3

EXECUTIVE PERSONNEL: An executive director may be selected and appointed by such procedure as deemed advisable by the Board of Directors. The salary of such person and any additional employees necessary for the management of the society shall be set by the Board of Directors who shall also have the power to remove any salaried employee. The authority to employ and the power to remove subordinate personnel may be delegated by the Board of Directors to the executive committee or executive director.

Section 4

INDEBTEDNESS: The officers, executive committee, Board of Directors, or anyone delegated by them shall not incur any debt or liability in the name of the society beyond the available or maturing funds in the treasury, excluding the monies or securities held for specific purposes.

Section 5

INVESTMENTS: All monies received for life membership dues shall be invested by the treasurer as directed by the Board of Directors. The interest in part accruing therefrom shall be used to provide for subscriptions each year at the rate of one-half the regular subscription price, for each Life member and for each Honorary Life member.

Section 6

BONDS: All society officers, committee chairmen, members and employees handling society funds, shall be bonded in a blanket bond, the cost of same to be paid by the society.

ARTICLE VIII

Committees

Section 1

STANDING COMMITTEES: shall not exceed fifteen (15) in number including Affiliated Chapters, Awards, Boyce Edens Research Fund, Commercial Activities, Commercial Sales and Exhibits, Convention Program, Convention Time and Place, Finance, Library, Membership and Promotion, Nominating, Plant Registration, Publication, Research, Shows and Judges. These committees shall perform duties as specified in the bylaws, standing rules, and as ordered by the Board of Directors.

a. **THE FINANCE COMMITTEE:** shall prepare a budget in detail for guidance during the ensuing year. A sum shall be included in the budget to cover reasonable traveling expenses of officers and committee chairmen while engaged in travel on essential business of the society when authorized by the President. To be effective the budget must be approved by the Board of Directors.

b. **BOYCE EDENS RESEARCH FUND COMMITTEE:** shall collect the Boyce Edens Research Fund contributions and remit same to the treasurer, who shall maintain this fund in a separate account to be used for research funds.

c. **THE NOMINATING COMMITTEE:** shall consist of five (5) members, who shall be appointed by the president with the approval of the Board of Directors. Three (3) members of this committee shall serve terms of three (3) years each, one (1) being appointed each year and the remaining two (2) shall be past presidents of the society who may serve an unlimited number of years, but the appointment of which shall be annually. This committee shall select one (1) nominee (from a list of those having served at least one (1) year on the Board of Directors) for each office to be filled; and the named selected shall be submitted to the president (after confirming that they will serve if elected) in ample time to notify the membership by mail or through the magazine at least thirty (30) days in advance of the annual convention date.

Section 2

SPECIAL COMMITTEES: may be appointed by the president during the term, with the approval of the executive committee, which may be obtained by mail.

ARTICLE IX

Parliamentary Authority

Section 1

ROBERT'S RULES OF ORDER REVISED: shall be the parliamentary authority on all questions not covered in these bylaws.

ARTICLE X

Section 1

AMEND: These bylaws may be amended at any meeting of this society provided; the amendments have been sent to each member of the society except associate members at least thirty (30) days prior to the meeting date; and they have been approved by at least a two-thirds (2/3) vote of the Board of Directors.

Section 2

REVISED: These bylaws may be revised in the same manner as amended excepting that a revision must be ordered by a two-thirds (2/3) vote of the Board of Directors or by the assembly at a regular convention meeting of the society.

Boyce Edens Funds Used for Research

Mrs. Paul O. Gillespie

5201 St. Elmo Ave.

Chattanooga, Tenn. 37409

Saintpaulia Chapter of Tacoma, AVS Chapter, Tacoma, Washington	\$ 5.00
Anonymous, Princeton, N. J.	5.00
Loyalist AV Society, St. John. N. B. Canada	5.00
Union County Chapter AVS, Westfield, N. J. in memory of Mrs. Max Maas	10.00
Viking AVS, St. Louis, Mo.	5.00
Delaware AVS, Wilmington, Delaware	20.00
Indian Capitol AVS of Muskogee, Oklahoma	5.00
AVS of Philadelphia, Penn.	5.00
AVS of Shreveport, La. in lieu of teacher's fee to Helen Van Zele	15.00
AVS of Canton, Ohio	5.00
Albuquerque AVS, Albuquerque, New Mexico	5.00
Huntington AVS, Huntington, W. Va.	10.00
Corpus Christi AVS, Corpus Christi, Texas	10.00
Cavalier AVS, St. Louis, Mo.	15.00
AVS of Staten Island in memory of Mrs. Maas of	

Maas Greenhouse	10.00
AV Council of So. Calif. in memory of Mrs. Gwen Vaillant	\$ 5.00
Eastern Shore AV Club, Fairhope, Ala.	5.00
Pomona Valley AVS, El Monte, Calif. in memory of Mr Rudolph Kacens	5.00
North Jersey AVS, Wayne, N. J. in memory of Mrs. Kay Gaug	10.00
Beaumont AVS, Beaumont, Texas	5.00
Beaumont AVS, Beaumont, Texas, in memory of Mrs. Myrtal Hunt	5.00
First Arlington AVS, Arlington, Texas in memory of Mrs. Luther Johnson	10.00
Oconomowoc AVS of Oconomowoc, Wis.	10.00
CORRECTION of an error made in the Sept. issue: credit was given to AVS of South Bay, Santa Cruz, Calif. It should go to AVS of South Bay, Cupertino, Calif.	
Moby Dick AVS, New Bedford, Mass.	5.00

TO LIST BOOSTER FUND DONORS

The List of Booster Fund Contributors will be listed in the March magazine. Since being initiated at the board meeting at the Philadelphia convention, the fund has continued to mount and now the Booster Fund violet is a mass of blooms.

KOLB'S NEW INTRODUCTIONS FOR 1970

\$1.50 Per Rooted Cutting, 75¢ Fresh Cut Leaf

MY LOLLIPOP — Cerise semi-double star, deeper cerise eye, tailored foliage. Excellent for bloom.

NIGHTFLOWER — Frilled semi-double purple, edged in reddish-purple, quilted foliage.

RAVENCREST — A maroon semi-double star with a wide black band around edge of bloom, tailored foliage, makes a good show plant.

SCARLETTO — A good frilly red double bloom on tailored foliage.

SKY CLIPPER — Blue semi-double blossom, mottled with white on tailored foliage.

STAR MAGIC — Double pink bloom on dark tailored foliage, makes a good show plant.

THINKIN' PINK — A prolific double frilled pink on slightly waved foliage.

KOLB'S NEW MINIATURE — \$1.00 Per Plant

MINI-PINK — Double pink bloom (larger than a half dollar) on semi-girl foliage.

KOLB'S 1969 INTRODUCTIONS

GOLLI — Huge fringed dbl. white edged slightly in green, splashes of pink and some red in bloom, slightly wavy foliage.

LAVENDER FRINGE — A beauty. Double white heavily fringed and edged with a deeper band of lavender on blossom, wavy foliage.

OUTER SPACE — Large single lavender star, wide purple band on edge of bloom.

REMEMBRANCE — Excellent commercial dbl. pink on quilted foliage.

SATELLITE PEACH — Semi-dbl. peach star, deeper peach band.

SATELLITE RED — Semi-dbl. red edged in deeper fuchsia band.

SECRET LOVE — Huge semi-double pink on dark foliage.

SATELLITE PINK — A good semi-double pink edged in fuchsia.

STATELINER — 2nd best New Introduction award at Phila. Convention. Prolific double pink star edged in fuchsia.

WINTER GOLD — 1st best New Introduction award at Phila. Convention. Maroon single star, deeper wine border, greenish-gold edge.

These rooted cuttings may be ordered from this ad — plus \$1.00 for postage and packing. New Jersey customers must add 3% sales tax. Shipping will begin April 1. If you wish an acknowledgment of order, send stamped card. Send 6c stamp for copy of spring list with additional listings.

KOLB'S GREENHOUSES

725 Belvidere Road — Phillipsburg, New Jersey 08865
Open 9 - 12, 2 - 5 Daily; Saturdays 9 - 5; Closed Sundays

RICHTER'S FOR QUALITY VIOLETS

NEW RELEASES FOR SPRING 1970

BOUTIQUE — Extra double blooms, pale powder blue, with small neat tailored foliage. Medium sized plant with extremely large blooms.

BUTTERMILK — Clusters of creamy white double blooms, with dark slightly fluted foliage, red backed.

CORALIE — Beautiful large lavender double, borne in profusion on good strong stems. Usually two blooming stems to a leaf. Tailored foliage.

DAIRY MAID — White star shaped semidouble, with touch of lavender in center. Light green tailored foliage. Clusters of bloom on strong stems.

HI FI — Intense fuchsia-red star, a little different in color. Yellow multi-stamens in center add to attractiveness. Flowers are held high above good tailored foliage.

IN STYLE — Beautiful pink semidouble with white edge. Blossoms grow in clusters on strong stems, and are extra long lasting. Tailored foliage.

LAKELAND — Fluffy white semidouble with blue markings, like a summer sky with fluffy clouds. Tailored foliage. Very pretty.

MEMORIES — Remember a huge rich purple single—

then picture improved size, intense yellow stamens in center and good tailored foliage. A beauty!

MADELAINE — Rosy pink double produced in good clusters. Graceful slightly fluted foliage. Very attractive.

MILWAUKEE — Deep lavender semidouble with white edge. Dark green tailored foliage. Very dependable bloomer, and blooms are long lasting.

MINI SKIRT — Extra double, extra large powder blue blossoms with small neat foliage—all on an extra small growing plant. Cute as a mini skirt!

MR. R — Huge deep reddish-purple blooms, very symmetrical tailored foliage. Will make a superb show plant.

PUFF BALL — Very large pure white double blossom, light green tailored foliage. Medium sized plant, one you will want on sight.

SHIPSHAPE — Bright rosy fuchsia double with white edge. Flowers last and last. Tailored foliage, medium sized plant.

SPINNER — Bright reddish-lavender single with sparkling white edge. Extra large blooms in profusion on strong stems. Deep green tailored foliage.

Send 6¢ stamp for copy of beautiful illustrated spring list, ready in mid-February. 1970 releases will be available at greenhouse about middle of February. Shipping season starts about April 15, weather permitting.

RICHTER'S GREENHOUSES

9529 Indianapolis Boulevard

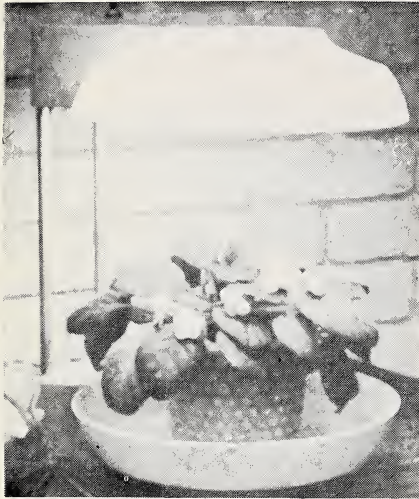
Highland, Indiana 46322

(U. S. Route 41, 3 miles north of U. S. Route 30)

TREAT YOUR SHOW PLANTS TO FLUORESCENT LIGHT!

SUFFICIENT PROPER LIGHT CAN HELP YOU GROW YOUR SHOW PLANTS TO FINAL PERFECT GROOMING.

Try Any of These Modern Fixtures to Help You Grow and Groom More Perfect Plants. To Stimulate Plant Growth For Heavy Flowering and For More Even Constant Growth.



NEW SUN BOWL DESK LAMP PLANTER

Attractive white plastic container equipped with Sylvania Wide-Spectrum Gro-Lux 22 watt circline fluorescent tube. Brochure for directions on growing enclosed \$11.95 ppd.

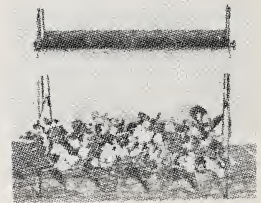
GRO-LUX LAMP FIXTURE

Practical durable, all metal fluorescent table lamp fixture, featuring gold top with black wrought iron legs. Complete with 2-20 watt gro-lux tubes, the new energy source for stimulating plant growth (tray not included) \$15.95 ppd.



RIPE - N - GROW SUN - LITE

Complete with Sylvania 22 watt Wide-Spectrum fluorescent circline tube, large metal pan and top in natural green finish. Can hold as many as one dozen 2 1/4" pots. Most attractive and beautiful for growing African violet plants \$27.95



NEW SYLVANIA GRO-LUX TUBES

Six — 15 watt 18" Gro-Lux Tubes	\$14.50
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African Violet

MAGAZINE

Volume 23 Number 3 March, 1970



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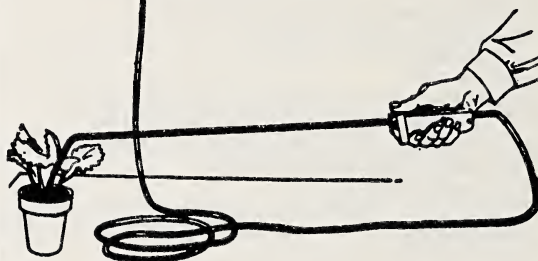
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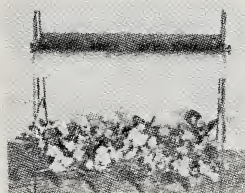
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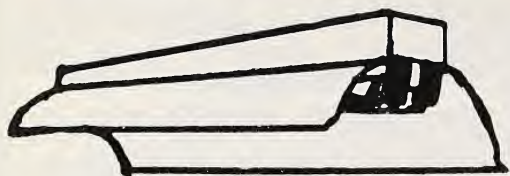
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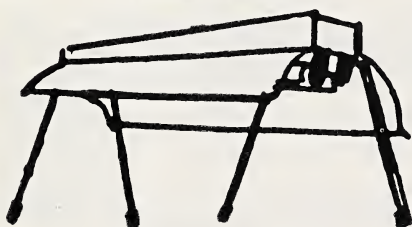
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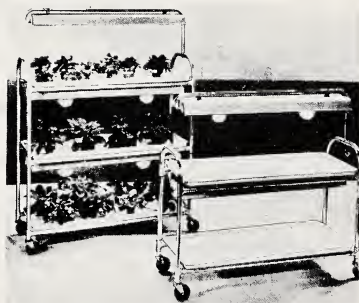
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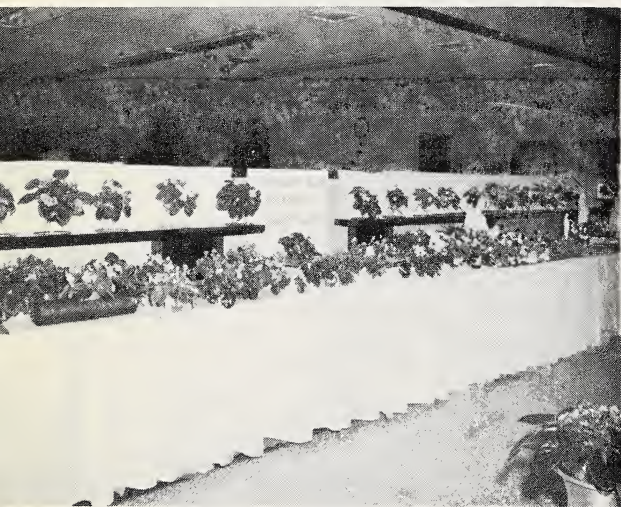
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	1 Bu./\$4.00
Vermiculite	5 Qts./\$1.00
Leaf Starter Mix	4 Qts./\$1.00
Violet Soil (Our own with leaf mold)	3 Qts./\$1.00
Charcoal	1 Qt./65c 2 Qts./\$1.00
50% Malathion	5 oz. bottle/\$1.75
Mildex (For Mildew-Mites)	4 oz. bottle/\$1.25
Captan 50W (For Mildew—Mold on Soil)	\$1.25
Rootone	35c Pak
Antrol Spray Bomb	6 oz./89c
Acti-dione PM	5 oz. (Mildew)/\$1.50
1/2 in. White Marking Tape (60 yards)	\$1.25
3 in. Plastic Markers	20/30c 100/\$1.00
4 1/2 in. Plastic Markers	15/30c 100/\$1.25
Plastic Flats—Starting Leaves & Seeds	4/\$1.20
Kapco (15-30-15)	1/2 lb. \$1.00 — 1 lb. \$1.75
New Era (Violet Food) Liquid	4 oz./59c
Peat Humus	3 lb. bag/\$1.00
Chelated Iron (Iron Deficiency)	4 oz./\$1.29
Transplantone	Pak/45c
Leaf Mold (Compost)	3 qts./\$1.00
Pano Drench (Damping Off)	1 oz./\$1.95
Activo (450 lbs. Compost Quickly)	\$1.75
50% DDT (Soil Sterilizing)	15 oz. can \$1.75
Trigger Spray, 1 qt. adjustable very fine mist	\$2.50
Vita Bark Orchid Mix	3 qts./\$1.00
Sulphur (Mold on Plants)	4 oz. jar/\$1.25
Fumi-Soil Capsules (Sterilized Soil)	24/\$1.75 100/\$5.50
Hy-Gro (Orchid Food)	18-18-18 1-lb./\$1.75
Sphagnum Moss (Milled)	7 oz. Bag/\$1.25

PLASTIC POTS (ROUND)

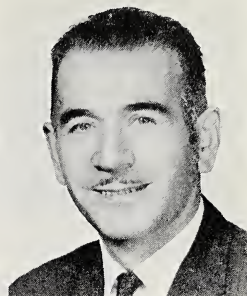
2 1/4 in.	25/\$1.40	50/\$2.50	100/\$ 4.00
2 1/2 in.	25/\$1.65	50/\$2.75	100/\$ 4.25
3 in.	25/\$1.95	50/\$3.00	100/\$ 5.25
4 in. Squatty	25/\$3.00	50/\$6.00	100/\$10.00
Thumb Pots	25/\$1.00	50/\$1.90	100/\$ 3.25
2 1/4 in. square	25/\$1.40	50/\$2.50	100/\$ 4.00

MINIMUM ORDER \$2.50 on the Above Supplies.

J'S AFRICAN VIOLET SUPPLIES

6932 Wise Ave. MI-7-3755 St. Louis 39, Mo.

President's Letter



Dear Members:

Spring is in the air! Its pungent fragrance and signs of Mother Earth awakening are readily visible. Its infinite beauty from a time of stillness is a magnificence man is privileged to witness. How often in our human frailty do we take it all for granted?

In reality spring has many other meanings for those of us who live with plant life daily. We have an even keener deeper appreciation of the beauty around us. Spring flower shows, the many local African violet shows and above all the coming Annual African Violet Convention in Milwaukee are all high on our priority list of important events. Will you be there to exhibit at least one show plant? I urge you to get in the act, do your thing, involve yourself in this fascinating world of attempting to grow a show plant.

AVSA has come a long long way over this familiar road of striving for the best, never quite happy as second best but ever striving to pursue a further goal. My correspondence is often a sharp reminder of this very fact. Letters from far off Rhodesia and other African areas, where our hybrid beauties are a rarity, convince me we must work harder to share and spread our knowledge with our fellow man in this one small avenue we know best.

And to factual matters of the present, our membership, even with the necessary dues increase, is mounting daily. I am proud of your faith in our Society. Together, I'm sure we can hurdle these difficult areas. Our membership shall benefit through more efficient and added services. Our library alone through the excellent work and efforts of Mrs. Schroeder, chairman, and her committee have added three new slide programs available to the chapters and the membership. Inquire about these, and take advantage of such services.

To succeed even in a non-profit organization such as ours we still must keep our finances in a business, orderly fashion. I am delighted at your great support of the Booster Fund and the Boyce Edens Research Fund. You are by your generous contributions investing in the future of our country to preserve a factual background of at least one species of plant for our future generations to enjoy. Let us not be the victims of destruction but keep a reverence in passing on to them some of the beauty we have enjoyed.

Board members are hard at work on individual reports that must be presented at our annual meeting at the convention. I am delighted to report the Philadelphia convention was a great success both financially as well as symbolic of our great membership participation from more than 36 states, Canada and Puerto Rico.

And now, it is my just duty to inform you this is my last letter to you as your privileged and humble President. I'm sure it is no surprise to most of you that this office is a coveted one which I have enjoyed immensely and have tried to explore its many facets that can lead to a greater fulfillment for future years. With our increasing individual, commercial and life memberships there are many more avenues that should be sought. However, demanding time is one of the precious assets this office requires and a full-time business man in a seven-day week operation such as we maintain here at our greenhouses leaves too little time that should be devoted to this position. I rejoice in the fact that my successors are strong and knowledgeable individuals, faithful to AVSA and YOUR interests. I shall give them

my full support in any way possible to work and assist them continually.

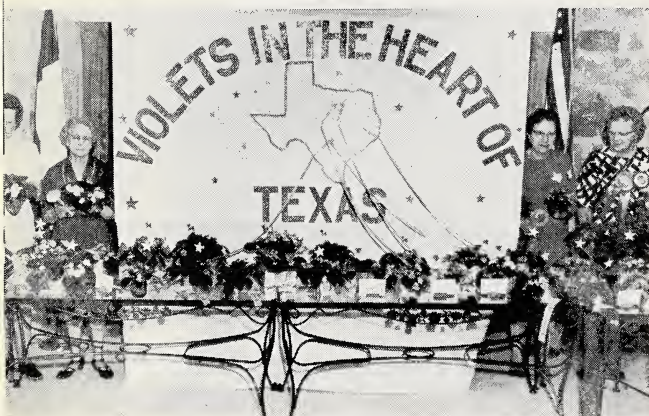
I want to pay special tribute to Dr. Snet-singer of Penn State University and Dr. Herbert Streu of Rutgers University who have been most cooperative in African violet research that concerns us all deeply. My heartfelt thanks to a splendid group of diligent officers and Board Members who have given me their full cooperation.

To each of you the individual members and fellow commercial members, whom I regard as the backbone of the society I want to especially thank you for your fine support. Your cards and messages of good will I shall cherish always.

My heart and thoughts are with you all and I shall work with you in every endeavor to make our beloved AVSA the strongest and best plant society in existence.

Sincerely,

Frank A. Tinari



"VIOLETS IN THE HEART OF TEXAS" was the theme of the recent show staged by the First Austin African Violet Society of Austin, Texas. Shown in the picture are left to right: Mrs. Carol Sjogren with "Emperor", best horticultural specimen, and best "Lilian Jarrett"; Mrs. H. R. Stanford holding "Nettie Lee", best Texas hybridized plant (a Utz variety); Mrs. R. L. Pritchett, winner of horticultural sweepstakes and holding best miniature, "Dolly Dimple"; Mrs. R. T. Davis, sweepstakes winner in the arrangement and artistic planting divisions and a special award for terrarium planting. Not pictured are Mrs. Karen Thompson, winner of best specimen runner-up with "Tommie Lou", Mrs. W. R. Davis, best single, "Blue Chips", and Mr. Bill Coates who won best gesneriad with a hanging basket of columnea "Early Bird".

TALLY TIME - - - 1969

Mrs. John Chase Reed
1750 Canal Court
Merritt Island, Fla. 32952

Tally Time is a listing of the varieties receiving the largest total number of awards. The awards are: Gold Rosette, Purple Rosette, Best of Show, and Second Best of Show. In the March, 1969 issue of the African Violet Magazine, a list of 1968 winners was published. The following list is of the winners of 5 or more awards through November.

No. of Awards

- 29 Tommie Lou (Oden) Reg. No. 1744
- 17 Granger Garden's Delft Imperial Reg. No. 1326
- 11 Richter's Bloomin' Fool Reg. No. 1473
- 10 Strawberry Shortcake (Taylor) Reg. No. 1509
- 9 Granger Garden's Sweetheart Blue Reg. No. 1125
- 8 Granger Garden's Lullaby Reg. No. 1783
- 8 Granger Garden's Chanticleer Reg. No. 1386
- 7 Granger Garden's Prom Queen Reg. No. 1533
- 6 Richter's Red Crown Reg. No. 1180
- 6 Alakazam (Lyon) Reg. No. 1723
- 6 Lilian Jarrett (Tinari) Reg. No. 1060
- 6 Peak of Pink (Lyon) Reg. No. 1467
- 5 Icy Peach (Lyon) Reg. No. 1642
- 5 Jolly Giant (Lyon) Reg. No. 1549
- 5 Morning Sky (Champion) Reg. No. 1656
- 5 Granger Garden's Shag Reg. No. 1087
- 5 Water Lily (Champion) Reg. No. 1289

To assist in compiling further lists, please record the names of the varieties in your show which win:

- 1. Gold Rosette
- 2. Purple Rosette
- 3. Best of Show
- 4. Second Best of Show
- 5. Best Miniature
- 6. Best Semi-Miniature

and send to Mrs. John Chase Reed, 1750 Canal Court, Merritt Island, Florida 32952. If you complete the Green Rosette form for your show and send it to the Affiliated Chapters Chairman, Mrs. Hamilton, she will forward the names of the winning varieties to Mrs. Reed.

DID YOU KNOW . . .

That many growers have found the answer to holding down botrytis lies in good air circulation provided by electric fans which keep the air moving?

BOOSTER FUND VIOLET BLOOMS

Mrs. Percy V. Crane
Booster Fund Chairman

Booster Fund Violet continues to bloom, thanks to the generous contributions of numerous AVSA supporters. Our Violet displays 26 blossoms as of November 30, 1969 and adds a blossom each time the fund grows a hundred dollars.

Will you help to produce the heaviest blooming African violet plant for all to be proud of? Send your contribution large or small to AVSA BOOSTER FUND, P. O. Box 1326, Knoxville, Tennessee 37901.

Our sincere thanks to the following clubs and individuals who have contributed in the period from December 1, 1968 to November 30, 1969:

Mr. Theodore S. Tenney, Branchville, N. J.	\$ 25 00
Mrs. L. S. Meriweather, Sacramento, Calif.	2 00
County Belles AVC, St Louis, Mo.	38 00
Mrs. Harold E. Nunn, Simcor, Ontario, Canada	1 00
Mrs. J. A. W. Richardson, Nassau, Bahamas	50 00
Mrs. J. R. Millikan, Dallas, Texas	28 25
Mr. Winfred Albright, Kansas City, Mo.	50 00
Mrs. Constance Hansen, Vallejo, Calif.	5 00
Mrs. W. B. Munson, Springfield, Va.	10 00
Moby Dick AVS, New Bedford, Mass.	5 00
Uncle Sam AVS, Troy, N. Y., courtesy Mrs. Helene Galpin in lieu of speaker's fee	5 00
Union County Chapter of AVS, Westfield, N. J. in memoriam to Mrs. Bruce A. Guinter	10 00
Union County Chapter of AVS, Westfield, N. J.	10 00
AVS of San Francisco, Foster City, Calif.	25 00
Mrs. W. E. Patchett, Tucson, Ariz.	1 00
Mrs. LaVern Wetgen, Platte Center, Neb.	1 00
Mrs. Felix Rothschild, Beverly Hills, Calif.	25 00
Mrs. John M. Gutridge, Sun City, Calif.	5 00
Mrs. S. W. Smith, Twin Falls, Idaho	5 00
Mrs. A. Zinda, Louisville, Colorado	1 00
Carmen AVC, St. Paul, St. Paul, Minn.	5 00
First AVS of Jonesville, Wisc.	3 00
Mrs. William Lester, Nanuet, N. Y.	5 00
Mrs. Russell Yawger, Clearwater, Fla.	5 00
Mrs. Lou Smith, Portland, Oregon	10 00
Mrs. Abigail Sullivan, Huntington, L. I., N. Y.	139 57
Anonymous	57 25
Triple Cities AVS, Binghampton, N. Y.	5 00
Parmatown AVS, Cleveland, Ohio	5 00
Longview AVS, Longview, Wash.	2 00
Green Thumb AVS., San Antonio, Texas	5 00
Commission on sales of Judges' Handbooks	7 50
Phila. conv. plant sales	70 25
Champion's African Violets, Clay, N. Y.	10 00
Madison Gardens, Madison, Ohio	15 00
Kolb's Greenhouses, Phillipsburg, N. J.	10 00
AVS of Minnesota & Upper Mid-West, Minn.	5 00
Mrs. W. Sillers, Norristown, Pa.	2 00



Upper Pinellas AVS, Pinellas Park, Fla.	50 00
Santa Monica Bay Chapter, L. A. Calif.	25 00
AVC of Trenton, N. J. courtesy to Mr. & Mrs. Glenn Hudson for judges expenses	7 20
Town-Country AVS., N. J., courtesy to Joan Van Zele for slide Program	1 50
Winnipeg AVS., Manitoba, Canada, courtesy to Mrs. Helen and Joan Van Zele for judging school	100 00
Mr. & Mrs. Walter Hunt, Staten Island, N. Y.	6 50
Mr. & Mrs. Frederick Pfeifer, Westfield, N. J.	3 50
Mr. & Mrs. Glenn B. Hudson, Westfield, N. J.	6 50
Mrs. J. F. Brenner, N. Brunswick, N. J.	6 50
Mrs. Harold Rienhardt, Syracuse, N. Y., courtesy to Joan Van Zele for pictures	5 00
Bay State Judges Council, Mass., courtesy to Mrs. Warren Churchill in supplying plants for project	12 25
Columbus AVS, Columbus, Ohio	5 00
Evelyn Kasin, Camdenton, Ohio	3 00
Commonwealth AVS., Richmond, Va.	10 00
Mrs. Lillian Igel, Seminole, Fla.	1 00
Tinari Greenhouses, Huntingdon Valley, Pa.	100 00
Courtesy to Mrs. Frank A. Tinari in lieu of speaker's fee	
Christian Women's Club of America	25 00
New Jersey Council AVC	25 00
The AVS of Staten Island, N. Y.	25 00
The Monday Club, Fox Chase, Pa.	25 00
Bryn Athyn Garden Club	25 00
Ladies of Lehigh Consistory of Lower Bucks Co.	25 00
Courtesy to Frank A. Tinari in lieu of speaker's fee	
Bethany Baptist Church of Fox Chase, Pa.	25 00
Collingswood Garden Club, Collingswood, N. J.	25 00
Joy Class of Frankford United Methodist Church of Phila., Pa.	25 00
Four seasons Garden Club of McLean, Va., courtesy to Mrs. C. R. Cooke in lieu of speaker's fee	5 00
Ethel J. Johnson, Hibbing, Minn.	10 00
Mr. Cecil R. Massey, Baton Rouge, La.	5 00
N. J. Council of AVS, New Milford, N. J.	10 00
North Jersey AVS, Wayne, N. J., courtesy to Mrs. Lizeta Hamilton in lieu of speaker's fee	10 00
First AVS of Wichita Falls, Wichita Falls, Texas	5 00
Mrs. Robert Marquess, Mineral Wells, Texas	5 00
Miss Leila M. Egenites, Bayside, N. Y.	25 00
Tallahassee AVS, Tallahassee, Fla.	5 00
Glendale AVS, Glendale, Calif.	15 00
Miss Genevieve L. Boggs, Nashville, Tenn.	5 00
Mrs. Charles Butkus, Omaha, Nebraska	10 00
Mrs. L. R. Brehm, Bisbee, Ariz.	10 00
Mrs. Phyllis Otto, Lincoln, Nebraska	2 00
Mr. Jack Meyer, Kettering, Ohio	7 00
Mrs. Don Ahrens, Liberty, N. Y.	5 00
Mrs. Harry Sharp, El Campo, Texas	5 00

When you buy, buy the best. Select from items advertised in the African Violet Magazine.



**Mitchell Park
Horticultural Conservatory**

AFRICAN VIOLET SOCIETY OF AMERICA, INC.

Theme: "Violets In Vacationland"

MONDAY, APRIL 13

7:00 p.m. to 9:00 p.m. Registration Foyer — 7th floor
Mrs. C. O. Sathre, Madison, Wis. Registration Chairman

TUESDAY, APRIL 14

8:00 a.m. to 1:00 p.m. Registration Foyer — 7th floor
8:30 a.m. to 5:30 p.m. Tour (A) to Paine Art Museum and Lenox
Candle Factory, Oshkosh Assemble for tour —
Jefferson St. Hotel entrance
12:30 noon to 4:00 p.m. Tour (B)—"What's New & Old in Milwaukee" Assemble for tour—
Jefferson St. Hotel entrance
4:00 p.m. to 9:00 p.m. Registration Foyer — 7th floor
8:00 p.m. to Adjournment Board of Directors Meeting Mirror Room — 7th floor

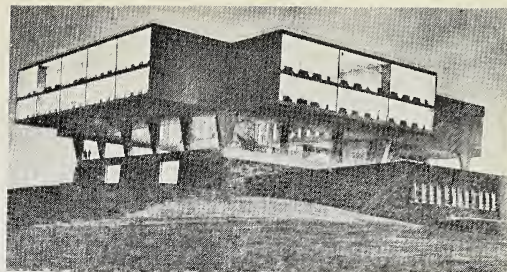
WEDNESDAY, APRIL 15

8:00 a.m. to 9:00 a.m. Board and Convention Committee Chairmen Breakfast .. Cafe Rouge
Compliments of Wisconsin Council of African Violet Clubs Street floor
8:00 a.m. to 9:30 a.m. Registration Foyer — 7th floor
8:30 a.m. to 5:30 p.m. Tour (C) to Paine Art Museum & Lenox
Candle Factory, Oshkosh Assemble for tour—
Jefferson St. Hotel entrance
9:00 a.m. to Adjournment Board of Directors Meeting (all day and evening) ... Mirror Room
7th floor
10:00 a.m. to 10:00 p.m. Commercial Sales Room open Kings Row — 7th floor
12:00 noon to 9:00 p.m. Registration Foyer — 7th floor
12:30 noon to 4:00 p.m. Tour (D)—"What's New & Old in Milwaukee" Assemble for tour—
(same as B Tour) Jefferson St Hotel entrance
3:00 p.m. to 9:00 p.m. Entries accepted for Convention Show Gallery — 7th floor
7:30 p.m. to 10:00 p.m. Social Hour—Mrs. Robert Blair, Brookfield, Wis., Kennedy & Roosevelt
Chairman, Hospitality Committee Rooms, 7th floor
Slide Program "Gardens in the British Islands"
Mr. Glenn Hudson, Westfield, N. J.
Slides shown at 8:00 p.m. and repeated at 9:00 p.m.

24th Annual Convention

Pfister Hotel
Milwaukee, Wis.

April 16-18, 1970



**Saarinan Designed
War Memorial Center**

THURSDAY, APRIL 16

- 8:00 a.m. to 9:00 p.m. Registration Foyer — 7th floor
- 8:00 a.m. to 12:00 noon Judging School Kennedy & Roosevelt
Mrs. Robert Hamilton, Oradell, N. J. Rooms, 7th floor
- 8:00 a.m. to 12:00 noon Entries accepted for Convention Show Gallery — 7th floor
- 8:00 a.m. to 9:30 a.m. Workshop—"Arrangements—This is How You Start McKinley & Taft
—This is How You Finish" Rooms, 7th floor
Mrs. F. H. Rieber, St. Charles, Mo.
- 8:30 a.m. to 12:00 noon Tour (E)—"What's New & Old in Milwaukee" Assemble for tour—
(same as Tour B & D) Jefferson St Hotel entrance
- 9:00 a.m. to 10:00 a.m. Hospitality—Come and meet your friends. Foyer — 7th floor
- 9:00 a.m. to 6:00 p.m. Commercial Sales Room Kings Row — 7th floor
- 10:00 a.m. to 11:30 a.m. Workshop—"Favorite Varieties and Tips on
Growing Them" McKinley & Taft Rooms, 7th floor
Mrs. John Lackner, St. Paul, Minn.
- 1:00 p.m. to 2:00 p.m. Judges & Clerks Instructions Kennedy & Roosevelt Rooms
7th floor
- 2:00 p.m. to 9:00 p.m. Judging Imperial Ballroom, 7th floor
- 2:30 p.m. to 3:30 p.m. Hospitality Foyer — 7th floor
- 6:00 p.m. to 7:00 p.m. "Get Acquainted" Reception Foyer — 7th floor
- 7:00 p.m. to 9:30 p.m. Convention Convenes Grand Ballroom, 7th floor
Dinner Meeting
- Presiding: Mrs. Helen Van Zele, Lemon Grove, Calif., 1st Vice President
Invocation: Mr. E. H. Dixon, Mission, Kansas, 3rd Vice President.
Presentation of AVSA President — Mr. Frank Tinari, Huntingdon Valley, Pa.
Official Welcome to Wisconsin
(Speaker to be announced)
Response, Mr. Frank Tinari, AVSA President
Introduction of Convention Chairmen:
Mrs. William J. Krogman, Brookfield, Wis., Chairman
Mrs. John Roe, Madison, Wis., Vice Chairman
- Speaker—Stanley C. Foll, Pewaukee, Wis., Horticultural Consultant
- 9:30 p.m. to 12:00 midnight Show Room open Imperial Ballroom, 7th floor
AVSA Convention Show, Amateur Division
AVSA Convention Show, Commercial Division

FRIDAY, APRIL 17

- 6:00 a.m. to 7:00 a.m. Show Room open for Bar Light Photographers Only Imperial Ballroom
(Registered Convention Members only) No Flash Bulbs 7th floor

- 7:00 a.m. to 8:00 a.m. Show Room open for Amateur Flash Bulb
Photographers Only (Registered Convention Members only) Imperial Ballroom
No Bar Lights 7th floor
- 7:30 a.m. to 9:30 a.m. Judges & Teachers—Continental Breakfast and Workshop Grand Ballroom
Mrs. James B. Carey, Knoxville, Tenn. Section A—East
Chairman, Committee on Shows & Judges, Presiding
- 7:30 a.m. to 12:00 noon Commercial Members Breakfast & Workshop Mirror Room
Mr. Albert Buell, Eastford, Conn.
Commercial Activities Chairman, Presiding
- 8:00 a.m. to 5:30 p.m. Registration Foyer—7th floor
- 8:00 a.m. to 9:30 a.m. Judging School Examination Grand Ballroom Section C
- 8:00 a.m. to 9:30 a.m. Workshop—"How Our AVSA Magazine is Put Together" Kennedy &
Mrs. Henry P. Foote, Port Arthur, Texas, Editor Roosevelt Rooms,
Mr. Gus Becker, Beaumont, Texas, Printer 7th floor
- 9:00 a.m. to 12:00 noon Show Room open Imperial Ballroom, 7th floor
- 9:00 a.m. to 12:00 noon Commercial Sales Room open Kings Row, 7th floor
- 10:00 a.m. to 11:30 a.m. Workshop—"Ask and We Shall Attempt to Answer" Kennedy &
Mrs. Frank Tinari, Huntingdon Valley, Pa., Chairman Roosevelt Rooms, 7th floor
Phytoillumination—Mrs. Paul O. Gillespie, Sr., Chattanooga, Tenn.
Miniatures with the Mini Mam—Mrs. Roy Weekes, Glendora, Calif.
Judging, Grooming—Mr. Richard T. Meyers, Orelan, Pa.
Culture—Mr. Bernard Greeson
- 12:30 p.m. to 3:00 p.m. Luncheon Meeting Grand Ballroom
Presiding: Mrs. Harold Rienhardt, Syracuse, N. Y., 2nd Vice President
Invocation: Mrs. Robert Hamilton, Oradell, N. J.
"Helpful Hints from our Commercial Growers"
Mr. Albert Buell, Eastford, Conn., Chairman
Mr. Henry Peterson, Cincinnati, Ohio
Mr. Victor Constantinov, San Francisco, Calif.
"Awards for 1970", Mrs. Glenn B. Hudson, Westfield, N. J., Chairman of Awards
- 2:00 p.m. to 5:00 p.m. Commercial Sales Room open Kings Row, 7th floor
- 3:00 p.m. to 5:00 p.m. Show Room open Imperial Ballroom, 7th floor
- 3:00 p.m. to 4:00 p.m. Parliamentarian available for conference Foyer—7th floor
Mrs. Thos. J. Edmundson, North Versailles, Pa.
- 3:30 p.m. to 4:30 p.m. Hospitality Foyer—7th floor
- 6:00 p.m. to 7:00 p.m. President's Reception Foyer—7th floor
- 7:00 p.m. to 10:00 p.m. Banquet Meeting Grand Ballroom, 7th floor
Presiding: Mr. Frank Tinari, Huntingdon, Valley, Pa. AVSA President
Invocation: Mrs. H. Harold Baker, St. Paul, Minn.
Introduction of Life Members & Bronze Medal Certificate Winners
(Life members are requested to sit at reserved table in front of Speakers Table.)
Roll Call of States
Speaker: Dr. Christos C. Mpelkas, Danvers, Mass
Plant Physiologist, Sylvania Lighting Products
"African Violet Society Awards," Mrs. Glenn B. Hudson, Chairman of Awards
Introduction of 1971 Convention Chairman:
Mrs. M. G. Gonzales, San Jose, Calif.

"Invitation to San Francisco Convention"
Auction of plants donated by Commercial Members
Mr. Frank A. Burton, Auctioneer

10:00 p.m. to 12:00 midnight Show Room open Imperial Ballroom, 7th floor
(Committee available to check out entries at 12:00 midnight.)
(All Storerooms and Exhibit Rooms *must* be cleared by 10:00 a.m. Saturday.)

10:00 p.m. to 12:00 midnight Commercial Sales Room open Kings Row, 7th floor

SATURDAY, APRIL 18

9:00 a.m. to Adjournment Morning Meeting Grand Ballroom, 7th floor

Presiding: Mrs. Marvin E. Garner, Canton, Ohio

Invocation: Mrs. Paul O. Gillespie, Sr., Chattanooga, Tenn.

Program "New Varieties"—Mrs. John C. Wittner, Chicago, Ill.

Annual Business Meeting

Presiding: Mr. Frank Tinari, AVSA President

Committee Reports

Election of Officers

Installation

1970 Board of Directors Meeting Mirror Room, 7th floor

(Immediately after the conclusion of Annual Business Meeting to Adjournment)

ADDITIONAL AWARDS

Green Thumb African Violet Club of Beloit, Wisc. Award.—A \$5.00 award for the best specimen plant, Orchid and Lavender, class 14.

The African Violet Society of Philadelphia, Pa. Awards.—\$5.00 award for the best specimen plant, white, single, class 7. \$5.00 award for the best specimen plant, Green or Charteuse edged, class 19.

Wisconsin — Vacation Land

Doris St. Clair
135 Kensington Drive
Madison, Wisconsin

We've heard you are taking a vacation,
You'll want the best place to go
So—why not come to Wisconsin,
We're hosting the AVSA Show.

Wisconsin Weather

Wisconsin weather is like weather in all parts of the country—unpredictable, so says Adeline Krogman, 1970 convention chairman.

Queried concerning the weather in Milwaukee in April, Mrs. Krogman pointed out that "It's no different than Boston. For the convention I'd suggest you bring an extra sweater and rain-and-shine coat for those going on tours and roaming outside the hotel.

"It is close to Lake Michigan, which helps to make the breeze either warmer or colder. Some of our April weather is warm and beautiful—then again we may have rain and cold."

So, she adds, just bring a coat—in case!

Send in your
CONVENTION
RESERVATION
T O D A Y ! !

The Show will be held in Milwaukee
A city of much charm and fame,
On the shores of beautiful Lake Michigan,
And where baseball was once the big game.

When the Show and the meetings are over,
When you've said your good-byes to your friends,
You'll know that in touring Wisconsin,
There will be priceless hours to spend.

The State Capitol at Madison, should come first on your list,
For its beauty, there is none to compare,
The city is built around five lovely lakes
And you'll find all kinds of sports everywhere.

Then, drive on to the north and through all of the state,
Over hills, near rivers and streams,
You'll never believe there's such beauty on earth,
You will find your life's many dreams!

MEET YOUR 1970-71 NOMINEES



MRS. HELEN VAN ZELE
.. for president



MRS. HAROLD RIENHARDT
.. for 1st vice pres.



E. H. DIXON
.. for 2nd vice pres.



EDITH PETERSON
.. for 3rd vice pres.



MRS. PERCY CRANE
.. for treasurer



MRS. E. A. NELSON
.. for secretary



HENRY PETERSON
.. for director



FLORENCE GARRITY
.. for director



RICHARD T. MEYERS
.. for director



MRS. W. F. ANDERSON
.. for director



MRS. M. G. GONZALES
.. for director

Meet the nominees for your 1970-71 officers and directors.

Selected by the nominating committee headed by Mrs. Jack Yakie, a past AVSA president, the slate of officers will be submitted at the Milwaukee convention.

Mrs. Helen Van Zele of Lemon Grove, Calif., who has been serving as first vice president, is the nominee for president. If elected, she will succeed Frank Tinari of Huntingdon Valley, Pa.

Mrs. Harold Rienhardt of Syracuse, N. Y., and E. H. Dixon of Mission, Kans., second and third vice presidents, will step up if approved;

Mrs. Edward A. Nelson of St. Louis, Mo., will retain her position as secretary, and Mrs. Percy F. Crane of Sharon, Mass., as treasurer if the proposed slate of officers is endorsed by the convention.

Edith Peterson of San Francisco, Calif., is the nominee for third vice president. She is no newcomer to the board, having served a number of years as director and secretary and presently as convention program committee chairman. Her interest in violets started quite by accident back in 1953. "I wanted to save some plants which were given to me and became

(Continued on Page 51)

REGISTRATION LIST

The African Violet Society of America, Inc.

TO DECEMBER 1, 1968

Registrar: Mrs. Fred Tretter, 4988 Schollmeyer Avenue, St. Louis, Mo. 63109

At the Board Meeting held at the Boston Convention in April, 1967, the following motion was carried: "...that all varieties registered prior to 1955, except AVSA registrations, be omitted from the printed registration list in future printings." Therefore, KEEP YOUR JULY, 1966, REGISTRATION LIST FOR FUTURE REFERENCE.

Code: Color, Leaf Type, Type of Flowers, and Size of Plant

TYPE OF FLOWER

COLOR

LEAF TYPE

s—Single
d—Double
s-d—Semi-double
c—Star-shaped
f—Fringed or Ruffled

Size of Plant

M—Miniature (6" or under)
S-M—Semi-miniature (6"—8")
S—Standard (8"—16")
L—Very Large (over 16")

B—Blue	P—Pink or Rose	1—Longifolia or Spider	6—Supreme, Amazon or du Pont
C—Multicolor 2 or more color	R—Red, Maroon, Plum or Burgundy	2—Plain, Tailored	7—Variegated
D—Dark	V—Violet or Purple	3—Quilted	8—Spooned, Ovate, Cupped-up
E—Edge	W—White, Creamy or Blush	4—Girl, Semi-girl	9—Pointed Leaf
G—Green	X—Two-tone 2 hues of same color	5—Ruffled, Fringed	
L—Light	Y—Yellow	Wavy, Fluted or Scalloped	
M—Medium			
O—Orchid, Mauve or lavender			

Name	Reg. No.	Date Reg.	Applicant	Code
Abe Lincoln	1745	10-25-67	Rose Knoll Gardens	DB 2 d S
Ace of Cedar Rapids	834	11-30-56	S. A. Nemec	DV 63 s S
Ace of Orchids	835	11-30-56	S. A. Nemec	O 35 d S
Adele	1431	3-4-64	Mrs. Fred Weyland	OX 36 df L
Adele Tretter	1665	12-15-66	Bob Kramer	DP 3 d L
Adlyn	1361	5-29-63	N. DeLandis	PW-E 8 d L
Admiral*		AVS-48	Armacost & Royston	V 3 s S
Admiral Amazon	1	AVS-48	Armacost & Royston	V 6 s L
Afterglo (See Naomi's Afterglo)				
Alabaster (See Richter's Alabaster)				
Alakazam	1723	9-6-67	Lyndon Lyon	MR 3 dc S
Alaska	1413	11-21-63	Champions African Violets	W 3578 d S
Aletha Martin	1025	4-16-58	Kahler Gardens	BW-E 358 fd L
Ali Babà	1097	1-17-59	Harold L. Geis	ROX 38 fs S
Alice Blue	1863	9-9-68	Lyndon Lyon	WL-BC 27 dc S
Alice's Cochise	1263	2-3-62	Alice's Violet Racks	R 62 d S
Alice's White Xmas	1264	2-3-62	Alice's Violet Racks	WPG-E 62 df S
All Smiles	1610	4-18-66	Mrs. C. Palmquist	PG-E 5 df S
Alluring (See Frathel's Alluring)				
Alpine Rose	1815	2-16-68	Volkman Bros.	P 29 d S
Amazon Pink*		AVS-48	Armacost & Royston	MP 568 s L
Americana	1595	3-14-66	Granger Gardens	BX 2 d S
American Beauty	1403	10-25-63	Manelta Lanigan	MR 8 d L
AMERICAN SERIES				
Frills	1708	7-8-67	Dr. S. Reed	DP 5 d S
Joy	1350	5-13-63	Dr. Sheldon Reed	V 358 d S
Mayfair	1709	7-8-67	Dr. S. Reed	DV 39 d S
Melody	1349	5-16-63	Dr. Sheldon Reed	P 58 df S
Vigor	1348	5-16-63	Dr. Sheldon Reed	P 8 d L
Amethyst	12	11-26-57	Armacost & Royston	O 38 s S
Anadante	1162	3-5-60	Mary N. Frashuer	DV 568 fs S
Andy Griffiths	1999	10-24-69	J. B. Griffiths	DR 35 d S-M
Angel (See Persian Angel)				
Angela (See Granger Gardens Angela)				
Angela Kristine	1935	6-19-69	Ernest Fisher	DPG-E 35 s-dc L
Angel Blush	765	4-4-56	Mrs. O. S. Dennis	LP 39 s S
Angel Lace (See Granger Gardens' Angel Lace)				
Angelo	1659	11-29-66	Mrs. Concetta J. Grasso	D-B 278 s-dc S
Angel Song (See Shangri-La Angel Song)				
Angel Wings (See Shangri-La Angel Wings)				
Annalacea	1026	4-16-58	Kahler Garden	B 56 df L
Ann Hofmann	894	4-25-57	Mrs. W. A. Simmons	DP 64 d S

Ann Rutledge (See Granger Gardens' Ann Ruthledge)
 Ann Slocumb 1907 11-17-68
 Ann Spencer (See Granger Gardens' Ann Spencer)
 Anonymous 974 12-15-57
 Appaloosa 1512 6-11-65
 Apple Valley 1133 7-30-59
 April Love (See Granger Gardens' April Love)
 Arabian Knight (See Caravan Arabian Knight)
 Arctica (See P. T. Arctica)
 Arctic Snow 1106 1-26-59
 Ardesia (See Kuhl's Ardesia)
 Arrowhead (See Granger Gardens' Arrowhead)
 At Dawning 1589 2-3-66
 Atlas 1199 2-21-61
 Atomic Gold Supreme 1448 3-23-64
 Attention 1483 11-25-64
 Audry 1754 11-7-67
 Aurora's Fairest 2008 11-2-69
 Aurora's Innocent 2009 11-2-69
 Aurora's Pink Lady 2010 11-2-69
 Aurora's Queen Anne 2011 11-2-69
 Autumn Blaze (See Caravan Autumn Blaze)
 Autumn Glow 781 5-30-56
 Autumn Russet 1777 11-15-67
 Autumn Moon (See Granger Gardens' Autumn Moon)
 Autumn Splendor 1336 11-23-62
 Ayer's Rock 1556 10-11-65
 Avalon Blue 1205 3-24-61
 Azalea Rose 1502 2-20-65
 Azure Puff 1107 1-29-59

M. Lanigan P 58 d L
 Mae A. Kestranek WVC 58 d S
 Champion's African Violets DBWC 379 d S
 George C. Taylor LP 3589 d S-M
 Tinari Greenhouses WBC 3 d S
 R. & M. Watts LRX 59 s-d S
 Wilson Bros. V 59 d L
 Madison Gardens LPG-E 356 d S
 Earl T. Kolb LB 2 s L
 Gordon R. Coon D-PX 356 d S
 Benke's R 58 df S
 Benke's GH WPC 39 s-d L
 Benke's GH MPX 29 d S
 Benke's GH WPC 3 d L
 Mrs. C. H. Graham ORC 935 sf L
 Granger Gardens R-P 35 df S
 Pearl & E. H. Thomas WVGC 5 d S
 Dr. S. Crawcour DP 356 d S
 Mrs. T. C. Fz MB 23 df L
 Ernest Fisher MPX 29 dc S
 Everglad Violet House WBC 389 d L

B

Baby Dear 1864 9-9-68
 Baby Doe 2032 11-28-69
 Baby Face 1235 5-13-61
 Baby's Lace 1434 3-23-64
 Bachelor Blue 1370 6-24-63
 Barbara Mary 1477 10-16-64
 Barbary Coast (See Gold Rush Barbary Coast)
 Baronette 1520 7-30-65
 Bea Johnson 853 2-1-57
 Beaming 972 12-11-57
 Beau Brummel 828 10-6-56
 Beautiful Cloud (See P. T. Beautiful Cloud)
 Beauty of Thebes (See Kuhl's Beauty of Thebes)
 Beauty Spot 1687 5-26-67
 Bee Cee 1764 11-11-67
 Behnke's Dolly Madison 997 3-10-58
 Behnke's Martha Washington 996 3-10-58
 Beltsville Beauty 959 11-29-57
 Bergen Strawberry Sherbert 1566 11-5-65
 Bernice 868 2-1-57
 Berries & Cream 1359 5-28-63
 Bessie 767 4-9-56
 Bethlehem Beacon 1814 2-8-68
 Betsy Ross 1915 12-4-68
 Betty Little 1949 7-1-69
 Betty Lou 1335 11-23-62
 Bicolor AVS-48
 Bi-Color Flirt 1377 6-24-63
 Big Bob 1571 11-19-65
 Big 'N' Bold 1392 8-5-63
 Bitterroot 1169 4-25-60
 Bittersweet 796 8-13-56
 Black Banner 901 6-10-57
 Black Diamond 1250 9-21-61
 Black Jack 1229 5-3-61
 Black Velvet 810 9-1-56
 Bloomin' Fool 1473 10-5-64
 Blue Alisa 1432 3-4-64
 Blue Bird* AVS-48
 Blue Blaze 1186 9-12-60
 Blue Border 897 2-1-57
 Blue Bouquet 1675 3-10-67
 Blue Boutonniere 1521 7-30-65

Lyndon Lyon W 29 dc M
 Mrs. Kiesling MGE 5 df L
 Mildred Bishop MP 83 d S
 Madison Gardens WPG-E 358 sf S-M
 F. Tinari BW-E 5 df S
 Earnest Fisher DP 8 d S
 Granger Gardens WBC 1 s-d S
 Lutie Dunlap RO 9 d S
 Select Violet House DP 59 d S
 Violet Treasure House OX 6 d L
 Mrs. Elmer Kramer DP 23 d S
 Ernest Fisher P-R 2 s-d S
 Behnke Nurseries LP 389 d S
 Behnke Nurseries MP 489 d S
 Behnke Nurseries PWBC 389 s L
 Bergen Co. A.V.S. LP 3 d SM
 Ulery's Greenhouse LP 38 d S
 Champions African Violets OX 78 dc S
 Mrs. Myrtle Thorne DB 389 d L
 Mrs. H. Stine M-D-BW-E 2 s S
 Tinari Greenhouses R-P 3 d S
 Dates Violetry O 23 d S
 Pearl & E. H. Thomas W 8 d S
 Merkel & Sons OX 89 s S
 Frank Tinari DPXWE 93 s L
 Mrs. R. Watts MB 259 df S
 Granger Gardens BW-E 39 s S
 K. L. & J. M. Blanchard DP 89 d S
 G. Howard Milligan DP 358 sf S
 Frankson Flower Farm DV 5 s S
 Tinari Greenhouse DV 9 d S
 Mrs. Lowell L. Mason R 38 d S
 Madison Gardens DB 386 d S-M
 Richter's Greenhouse MB 8 d S
 Mrs. Fred Weyland LB 36 d S
 Merkel & Sons MB 389 s L
 Lyndon Lyon DBWE 358 d S
 Ulery's Greenhouse BWC 38 s S
 Mrs. H. R. Stine MB 3 d L
 Granger Gardens LB 5 d S

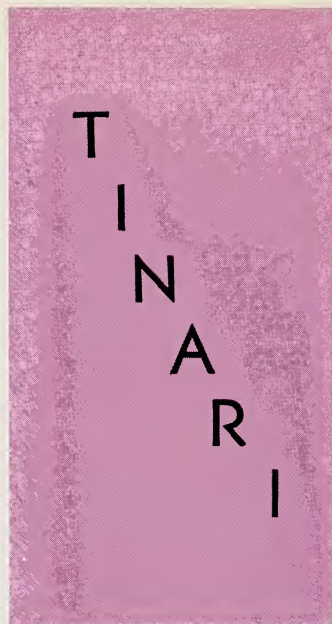
Blue Boy*	41	AVS-48	Armcast & Royston	BV 89 s S
Blue Boy Improved*		AVS-48	Mrs. W. H. Odom	BV 89 s L
Blue Boy Supreme*		AVS-48	Mrs. W. H. Odom	BV 63 s S
Blue Bubbles	1041	9-2-58	Mrs. O. F. Isenberg	MB 2 d S
Blue Chips	1340	11-29-62	Naomi's African Violets	DB 983 s L
Blue Cotillion	923	8-22-57	Dr. Thomas B. McKneely	BV 35 sf L
Blue Dianthus	1168	3-9-60	K. L. & J. M. Blanchard	DB 34568 df S
Blue Duet	1769	11-13-67	Mrs. Elmer Kramer	B-VW-E 39 d L
Blue Electra (See Granger Gardens' Blue Electra)				
Blue Empress (See Granger Gardens' Blue Empress)				
Blue Excitement	1963	7-15-69	Clarence Wilson	M-B 239 d L
Blue Eyes*	AVS-48		Tinari Floral Gardens	LB 8 s S
Blue Feather (See Shawnee Blue Feather)				
Blue Flag	987	3-10-58	Lyndon Lyon	MB 38 sc S-M
Blue Girl*		AVS-48	Ulery's Greenhouse	BV 4 s S
Blue Goddess (See Madison Gardens' Blue Goddess)				
Blue Hawaii	1841	5-10-68	V. Constantinov	M-B 2 d L
Blue Hills	1557	10-11-65	Dr. S. Crawcour	DV 268 d S
Bluejean	2026	11-17-69	Irene Fredette	MB 35 s S
Blue Le Fleur	1147	11-27-59	Madison Gardens	LB 2 df S-M
Blue Majesty	1572	11-19-65	Mrs. R. Watts	DB 359 df S
Blue Modiste (See Granger Gardens' Blue Modiste)				
Blue Monarch	1816	2-16-68	Volkman Bros.	D-B 29 d S
Blue Nocturne (See Granger Gardens' Blue Nocturne)				
Blue N' Gold	1797	11-28-67	White Cloud Farm	DB 57 df S
Blue Note	1883	11-18-68	E. Janosick	D-B 2 d S
Blue N' Pink	1460	7-24-64	Lyndon Lyon	MB or MB&P 38 d S
Blue Paradise	1435	3	Madison Gardens	DBX 358 d S-M
Blue Peak	862		Ulery's Greenhouses	BW-E 38 d S
Blue Pom (See Granger Gardens' Blue Pom)				
Blue Power	1990	9-13-69	Mrs. C. S. Hawley	MBX 29 s L
Blue Reverie	2013	11-14-69	Granger GH	LBX 35 s-df S
Blue Riot	1561	11-1-56	West's Greenhouse	DB 39 d L
Blue Roses (See Kuhls' Blue Roses)				
Blue Rosette	2028	11-20-69	Margaret Scott AVS	MB 28 d S
Blue Skies of Aurora	2012	11-2-69	Benke's GH	DB 39 s-d L
Blue Stocking	1558	10-11-65	Dr. S. Crawcour	DB 456 s S
Blue Trail	1071	11-6-58	Mrs. Robert Stanton	LB 358 d S
Blue Treasure*		AVS-49	Merkel & Son	BV 38 s L
Blueva	863	2-20-57	Ulery's Greenhouse	BW-E 38 d S
Blue Vista	832	11-1-56	Priscilla Alden Hutchens	MB 35 d S
Blue Willow	1873	10-24-68	E. Fisher	B-OWC 23 sc L
Blushing	873	2-20-57	Ulery's Greenhouse	WPC 389 d S
Blushing Maiden*		AVS-48	Ulery's Greenhouse	W 89 s S
Blushing Mermaid	1484	11-25-64	Earl T. Kolb	WPC 5 df S
Bluzette	1953	7-9-69	Richter's Greenhouse	B 35 d S
Bob's French Flair	1701	6-27-67	Mrs. E. Kramer	MPW-E 2 s L
Bob's Remark	1666	12-15-66	Bob Kramer	MP 359 dfc L
Bold Lad	1746	10-25-67	Rose Knoll Gardens	MBW-E 29 s-d S
Bon-Bon	843	12-17-56s	Richter's Greenhouse	P 4 d S-M
Bonfire	1689	5-27-67	Tinari Greenhouse	WRC 3 sf S
Bonnie Blue	1874	10-24-68	E. Fisher	D-B-O 23 dc L
Bonnie Lassie	1433	3-20-64	Mrs. Grace Moore	DB 348 s M
Breathless	1118	2-24-59	Mrs. Geo. S. Vallin	RX 358 df S
Breckenridge	1830	4-1-68	Rose Thomas	W 2 d S
Brenda	1940	6-27-69	Mrs. X. R. Randall	WB-E 57 sf S
Brides Maid	876	2-20-57	Ulery's Greenhouse	DBW-E 39 d S
Brigadoon	1014	11-14-69	Granger GH	LRWE 239 s-d S
Bright Sails	1817	2-16-68	Volkman Bros.	M-P 29 d L
Brilliant Lady	1166	3-10-60	Mary Meeds	R 48 s S
BUD'S SERIES				
Kimberly	938	9-12-57	Tay-Bow African Violets	BW-E 5 df S
Pink Begonia	1126	4-3-59	Tay-Bow African Violets	DP 8 s S
Pink Valentine	939	9-12-57	Tay-Bow African Violets	DP 49 d S
Strike Me Pink	1093	1-9-59	Granger Gardens	DP 4 d S
Burgandy Wasp	1968	7-26-69	Dates Violetry	R-VX 2 sf S
Burma Ruby (See P. T. Burma Ruby)				
Butterfly	1842	5-10-68	V. Constantinov	BX 5 df S
Butterfly White	1983	8-29-69	Lyndon Lyon	W 28 s-dc S

C

Cabaret	2015	11-14-69	Granger GH	DRWE 35 df S
Calico Kitten	1716	7-31-67	Mrs. L. E. Trokovich	MBRC 237 d M



PINK DIAMOND



CYNTHIA

GREENHOUSES

PATTI



HELEN VAN ZELE

Calico Wasp	1969	7-26-69	Dates Violetry	L-OPC 3 s S
California Giant	1092	12-31-58	Tropical Nursery	BV 83 s L
California Skies	2027	11-19-69	C. Wilson	DPWE 359 df S
Caliph	791	8-5-56	Richter's Greenhouse	DR 83 d S
Cambridge Pink	1325	11-21-62	Granger Gardens	DPX 93 d S
Camellia	988	3-10-58	Lyndon Lyon	LPX 43 d S-M
Camelot Rose	1396	8-5-63	Granger Gardens	DO 35 s S
Camille	1778	11-15-67	Granger Gardens	MPW-E 23 df S
Canadiana '67	1578	11-26-65	Ernest Fisher	DV 23 sc S
Canadian Centennial	1649	9-8-66	Lyndon Lyon	DPW-E 28 dc S
Can-Can	776	5-28-56	Mrs. James V. McKillip, Sr.	WOC 593 s L
Can-Can Girl	764	3-30-56	Mrs. John Buynak	B 453 s S
Candy Lace (See Richter's Candy Lace)				
Candy Lips	1461	7-24-64	Lyndon Lyon	WRC 8 dc S
Cape Cod	2035	11-29-69	V. Constantinov	WBGE 35 d S
Capri	1232	5-8-61	H. C. Parker	RX 983 df L
Captivation	1908	11-27-68	M. Lanigan	M-PRC 8 d L
Cara Mia (See Granger Gardens' Cara Mia)				
CARAVAN SERIES				
Arabian Knight	911	8-14-57	Mrs. John Buynak	DV 5 sf L
Autumn Blaze	912	8-10-57	Mrs. John Buynak	DB 58 s L
Emerald Ripple	913	8-10-57	Mrs. John Buynak	WBC 85 s L
Heirloom	914	8-10-57	Mrs. John Buynak	DV 58 s L
Lime Light	915	8-10-57	Mrs. John Buynak	DV 58 s L
Masquerade	916	8-10-57	Mrs. John Buynak	WBC 58 s L
Masterpiece	917	8-10-57	Mrs. John Buynak	WBC 58 sf L
New Horizon	918	8-10-57	Mrs. John Buynak	V 58 s L
Pageant	919	8-10-57	Mrs. John Buynak	WBC 85 s L
Queen	920	8-10-57	Mrs. John Buynak	DV 58 s L
Sultan	921	8-10-57	Mrs. John Buynak	V 58 sf L
Carmelita (See Richter's Carmelita)				
Carnival	1690	5-27-67	Tinari Greenhouse	R-PW-E 59 s S-M
Carnival Boy	1927	4-4-69	Mrs. I. Haseltine	WL-BC 2 s S
Carol Jo	1364	5-29-63	Nicholas De Landis	DRV 8 d L
Cartwheel	1737	9-30-67	Champion's African Violets	DPW-E 27 sc L
Casey's Pride	836	12-3-56	Mrs. H. M. Casey	L-BWC 368 d L
Castanet	1249	9-21-61	Tinari Greenhouse	OWC 38 d S
Casu Small	1567	11-10-65	E. Kossen	R-P 3589 s M
Cerise Enchantment	1631	8-15-66	Mrs. W. F. Kuhl, Jr.	D-PX 4 s S-M
CHAMPION SERIES				
Firebrand	1360	5-28-63	Champion's African Violets	MPX 378 d S
Skylark	1288	9-1-62	Champion's African Violets	MB 73 d S
Water Lily	1289	9-1-62	Champion's African Violets	LP 753 d S
Chanticleer	1386	8-5-63	Granger Gardens	LP 358 d S
Chanticleer (See Kaw Valley Chanticleer)				
Chapel Boy	1148	11-27-59	Madison Gardens	DP 835 df S-M
Charlotte Hughes	1363	5-29-63	Nicholas De Landis	R 4 d L
Charmin	842	12-17-56	Richter's Greenhouse	RWC 93 s S
Charmglow	1779	11-15-67	Granger Gardens	L-P-O 23 s-df L
Charm Song (See Richter's Charm Song)				
Chartreuse Lace (See Granger Gardens' Chartreuse Lace)				
Chateaugay	1416	11-29-63	Manelta Lanigan	LBW-E 58 df S
Chautauqua Coquette	893	6-1-57	Mrs. Edw. C. Underwood	VWC 38 df S
Chautauqua Flute	898	6-1-57	Mrs. Edw. C. Underwood	LOX 983 d S
Cheerleader (See Richter's Cheerleader)				
Cherie (See Westwind's Cherie)				
Cherokee Rose	1420	12-4-63	Maxine Mason	DRP 358 df S
Cherry Ice	795	8-6-56	Richter's Greenhouse	R-P 28 s S
Chief (See Shawnee Chief)				
Chieft Burnett	1027	4-16-58	Kahler Gardens	MB 53 df S
Chiffon Wisp	1570	11-10-65	Sierk H. for A.V.S. of Jax. Fla.	OVC 59 df M
Christmas Candy	1261	12-15-61	Charles R. Deder	WOC 583 df L
Christmas Rose	830	10-21-56	Priscilla Alden Hutens	W 54 s S
Christmas Snow	1436	3-23-64	Madison Gardens	W 358 d S
Cimarron	1843	5-10-68	V. Constantinov	D-OG-E 5 d S
Cindy Ann	760	3-18-56	Mrs. Elmer Lakin	B 5 sf S
Clarnet	1341	11-29-62	Naomis' African Violets	DR 53 d S
Clearwater (See Richter's Clearwater)				
Cleopatra	1510	5-14-65	Helen B. Kelley	DVX 359 sfc L
Clipper	1724	9-6-67	Lyndon Lyon	W 29 dc S
Clover Blossom	1358	5-28-63	Champion's African Violets	DPX 368 d L
Clown Boy	1437	3-23-64	Madison Gardens	OX 38 d S-M
Clusters o'Blue (See Granger Garden's Clusters o'Blue)				
Clydene	1861	7-5-68	Mrs. J. C. Harris	L-OX 2 s-d S
Coast Line	1844	5-10-68	V. Constantinov	WP-E 5 s S

Cockatoo	2016	11-14-69	Granger GH	WPC 239 d S
Coconut Fluff	1438	3-23-64	Madison Gardens	WGC 359 d S-M
Colleen	1439	3-23-64	Madison Gardens	WGC 593 d S
Colonel Kuttas	1794	11-21-67	Catherine M. Hawley	DB 29 s-df L
Colorado Carnation	2033	11-28-69	Mrs. Kiesling	LP 5 df L
Colorado Paintbrush	958	11-29-57	Mrs. F. G. Spitz	DOR 83 d S
Colorado Rosebud	2034	11-28-69	Mrs. Kiesling	DPX 35 d S
Colorama	1522	7-30-65	Granger Gardens	WOC 2 s S
Color Magic	960	11-21-57	Behnke Nurseries	PVC 984 s S
Columbella	1871	10-5-68	Dates Violetry	PX 35 sf S
Columbia Queen	943	10-15-57	Mrs. Earl Shangle	LBX 594 s L
Command Performance (See Granger Gardens' Command Performance)				
Commodore*		AVS-48	Armacost & Royston	MV 983 s L
Concerto	797	8-24-56	Mrs. A. C. Hasenyager	DB 598 sf L
Confection (See Richter's Confection)				
Confetti	1201	2-27-61	Mrs. Monroe Trapp	LB 58 d S
Connie	1755	11-7-67	Gordon R. Coon	P 25 d S
Constance Beth	1994	9-25-69	Swift's Violets	MP 59 df L
Contact	1581	12-1-65	Pearl Thomas	V 38 d S
Contessa	1501	2-20-65	Bob Kramer	WRC 3 dc S
Coon Valley	955	11-27-57	Wilson Bros.	DB 93 d L
Copenhagen	1702	6-27-67	Mrs. E. Kramer	WDB 5 df L
Coquette (See Chautauqua Coquette)				
Coquette (See Persian Coquette)				
Coquette (See Pink Coquette)				
Coquette (See Southern Coquette)				
Coral Blaze	1691	5-27-67	Tinari Greenhouse	DPW-E 9 s M
Coral Frills (See Westwinds Coral Frills)				
Coral Queen	1523	7-30-65	Granger Gardens	LPX 2 s-d S
Coral Reef	1692	5-27-67	Tinari Greenhouse	DPW-E 29 d S
Coral Satin	1536	8-6-65	Tinari Greenhouse	MP 38 s S-M
Cordarama	1485	11-25-64	Earl T. Kolb	OX 8 sf S-M
Corona (See Fischer's Corona)				
Cortez (See Granger Gardens' Cortez)				
Country Rose	1655	11-19-66	Champion's African Violets	L-PX 237 d L
Cousin Janet	1547	9-13-65	Lyndon Lyon	VBW-E 9 dc S
Cranberry (See Richter's Cranberry)				
Cranberry Snow	1619	7-26-66	Mrs. J. B. Griffiths	RWC 35 d S
Crimson Challenge (See Granger Gardens' Crimson Challenge)				
Crimson Glow	800	8-28-56	Mrs. John Buynak	DR 83 s S-M
Crinkled Crepe	1311	11-9-62	Kolb's Greenhouse	P 5 s L
Crown Jewel (See P. T. Crown Jewel)				
Crown Of Gold	2036	11-29-69	V. Constantinov	OX 237 d S
Crown of Red	1462	7-24-64	Lyndon Lyon	R 58 d S
Crown Prince	1993	9-25-69	Mrs. M. R. Stekelbos	DVOC 39 s L
Crusader	867	2-20-57	Ulery's Greenhouse	R-O 38 d S
Crystal Florida Belle	1638	8-25-66	Mrs. Frank Huebscher	M-PX 45 d S
Crystal Florida Frills	1282	7-16-62	Mrs. Frank S. Huebscher	WPG-E 53 df L
Crystal Pink Lucile	1639	8-25-66	Mrs. Frank Huebscher	L-PX 29 d L
Crystal Spoon	944	11-6-57	Mrs. Frank S. Huebscher	MB 893 s L
Cupids Dart (See Shangri-La Cupids Dart)				
Curtain Call	1792	11-18-67	Edward Janosick	B 25 df S
Cyclops (See Hollywood Star Cyclops)				
Cynthia	1918	1-6-69	Tinari Greenhouse	D-PX 35 s-df S

D

Dagmar	1045	7-20-58	Madison Gardens	W 8 s S-M
Dainty Lady	1661	11-30-66	Ernest Fisher	WPC 25 s L
Dainty Maid*		AVS-48	R. A. Brown	P 89 s S-M
Daisy Belle	1003	4-5-58	Mrs. Charles E. Miller	MB 3469 sf S
Dapper Dan	2017	11-14-69	Granger GH	DB 23 d S
Dardanella	1075	11-18-58	Beatrice H. Mills	DB 583 d S
Dark Angel	1524	7-30-65	Granger Gardens	V 45 s-df S
Dark Beauty (See Westwinds Dark Beauty)				
Dark Eyed Babe	1977	8-8-69	Kolb's Greenhouses	OX 2 sc S
Dark Eyes	1244	8-15-61	Champion's African Violets	PX 837 s S
Dark Ruby	1590	2-3-66	R & M Watts	DRX 59 df S
Dark Whisper	1747	10-25-67	Rose Knoll Gardens	P-VX 29 d S
Dawn (See Niagra Dawn)				
Dawn (See P. T. Dawn)				
Dazzling Deciever	1865	9-9-68	Lyndon Lyon	R-P 2 dc S
Debbie (See Frathel's Debbie)				
Debbie Kae	761	3-29-56	Mrs. Elmer Lakin	DP 53 s S
Deep Purple	1922	1-9-69	J. S. Shaw	V 38 d S

Delectable	1255	10-12-61	Edena Gardens	LB 3 d S
Delectable Supreme	1425	1-16-64	Edena Gardens	LB 68 d S
DELEON SERIES				
DeLeon Dream	1537	8-20-65	Mrs. W. F. Kuhl, Jr.	MP 39 d S
DeLeon Frilly Top	1538	8-20-65	Mrs. W. F. Kuhl, Jr.	MBW-E 29 df S
DeLeon Pink (See Kuhl's DeLeon Pink)				
KeLeon Pixie	1539	8-20-65	Mrs. W. F. Kuhl, Jr.	MBW-E 4 d M
DeLeon Posy	1540	8-20-65	Mrs. W. F. Kuhl, Jr.	VWC 4 s M
Delft Blue (See Kaw Valley Delft Blue)				
Delft Imperial	1326	3-21-62	Granger Gardens	LBX 593 df S
Delight (See Persian Delight)				
Dells of Wis.	166	9-2-57	Mrs. O. F. Isenberg	MB 543 d S
Demure (See Westwind's Demure)				
Denver Doll	922	8-20-57	June Riese	V 4 s M
Desert Star	1112	2-5-59	E. E. Hammond	DPX 38 s S
Diamond Jubilee	1914	11-30-68	African V. S. of Phila.	VW-E 3 df S
Diamond Lil (See Richter's Diamond Lil)				
Diane's Delight	1623	8-8-66	Mrs. Max Mass	MPX 38 s-d S
Dianne Kahler	1028	4-16-58	Kahler Garden	PWC 36 d S
Diplomat	1254	9-21-61	Tinari Greenhouse	VW-E 83 d S
Dippity Do	1870	10-5-68	Dates Violetry	D-RX 3 s S
Dogwood (See Kaw Valley Dogwood)				
Dolly Madison (See Behnke's Dolly Madison)				
Dominion Rose	1780	11-15-67	Granger Gardens	LO-PX 23 dfc S
Dorinda	851	2-1-57	Lutie Dunlap	OX 84 s S
Dorothy Gray (See Granger Gardens' Dorothy Gray)				
Dorothy Jean	1029	4-16-58	Kahler Garden	WBC 58 d L
Dorothy Shaw	1833	4-6-68	M. S. Paist	M-B 39 df S
DOT'S SERIES				
Fabulous	1408	11-21-63	Rose Knoll Gardens	DP 39 d L
Pink Dart	1411	11-21-63	Rose Knoll Gardens	LP 139 d L
Pride	1409	11-21-63	Rose Knoll Gardens	VG-E 359 df L
Double Beauty (See Greenfield's Double Beauty)				
Double Black Cherry	1178	8-11-60	Omaha A. V. Club	DR 83 d S
Double Blue Boy*		AVS-48	Westside Greenhouse	DBV 8 d S
Double Christmas Rose	831	10-21-56	Priscilla Alden Hutchens	W 45 d S
Double Clarissa Harris	975	4-12-57	Mrs. Elmer Lakin	PG-E 583 df S
Double Dee	1353	5-23-63	Mrs. Glen B. Hudson	PX 389 d S
Double Edith Cavelle (See Granger Garden's Double Edith Cavelle)				
Double Inspiration	859	2-16-57	Ulery's Greenhouse	VX 38 d S
Double Lavender Ruffles	1088	12-1-58	Mrs. T. C. Fritz	DO 583 df S
Double Lilac Bouquet	813	9-1-56	Madison Gardens	DOX 358 df S
Double Moon Maid	1046	7-20-58	Madison Gardens	WOC 368 d S-M
Double Orchid Splendor	1128	5-29-59	Mrs. A. J. Waller	OX 87 d S
Double Orchid Sunset (See Ulery's Double Orchid Sunset)				
Double Peacharino	1562	11-1-65	West's Greenhouse	WPC 38 d S
Double Pink Boy	837	12-5-56	Select Violet House	P 39 d S
Double Pink Cameo	1149	11-27-59	Madison Gardens	LP 358 d S-M
Double Pink Fire	985	3-2-58	Mrs. George S. Vallin	DP 583 df S
Double Pink Girl	841	12-5-56	Select Violet House	P 48 d S
Double Pink Ripples	942	10-1-57	Majorie E. Rose	MP 139 df S
Double Pink Waverly	1164	3-10-60	Clarissa Harris	DP 5983 df L
Double Red Colleen	784	6-26-56	Mrs. Robert Bruce	R 359 d S
Double Rose of Sharon	772	5-8-56	Priscilla Alden Hutchens	DO 38 d S
Double Ruffles	1198	2-21-61	Wilson Bros.	MB 98 d L
Double Snow Frill	1073	11-6-58	Pauline Kuntz	WX 8 df S
Double Snow Squall	1185	9-12-60	Lyndon Lyon	W 93 d S
Double Take	1984	8-29-69	Lyndon Lyon	V 38 dc M
Double Velvet Girl	874	2-1-57	Ulery's Greenhouses	RX 348 d S-M
Dover Surf	1144	11-15-59	Mrs. Carl Dick	WRC 36 sf S
Dove Wing	1781	11-15-67	Granger Gardens	WPC or P 239 d S
Dream (See DeLeon Dream)				
Dream (See Shangri-La Dream)				
Dresden Dancer	976	12-23-57	Mrs. Elmer Lakin	DP 359 df S
Dresden Dream	773	5-8-56	Mrs. Elmer Lakin	PG-E 358 sf L
Dresden Glory	977	12-23-57	Mrs. Elmer Lakin	DP 359 sf S
Dresden Lace	978	12-23-57	Mrs. Elmer Lakin	W 359 df S
Drops o'Wine (See Granger Gardens Drops o'Wine)				
Dunlap Blue	854	2-1-57	Lutie Dunlap	DBV 3689 d S
du Pont Blue*		AVS-48	Mrs. W. K. du Pont	DB 56 s S
du Pont Lavender Pink*		AVS-48	Mrs. W. K. du Pont	OX 56 s S

E

Eager Beaver	1175	5-22-60	Florence Shuey	ROX 839 d L
Easter Bonnet	1482	11-16-64	C. E. Wilson	LBX 239 d L

Easter Morning (See Hollywood Star Easter Morning)				
Easter Violet	892	4-15-57	Mrs. Leon Kirschenbaum	WBC 8 s S
Ebbie A. Richmond	897	5-15-57	Mrs. Leon Kirschenbaum	DB 289 d S
Ebb Tide (See Granger Gardens' Ebb Tide)				
Ebony Echo	1230	5-3-61	White Cloud Farm	DB 637 df L
Edena Jewel	1173	5-22-60	Edena Gardens	MB 4 s L
Eldus	889	4-12-57	Mrs. Robert W. Hatley	MB 83 s L
Electra	1902	11-27-68	R. J. Taylor	WPGE 237 dc L
Elegance	1195	1-21-61	Edena Gardens	W 83 d L
Elfs Loveliness	1810	2-1-68	Fedderson's AV	OWC 35 s L
Ember Dream (See Granger Gardens' Ember Dream)				
Ember Pink (See Granger Gardens' Ember Pink)				
Emerald Isle	1176	6-10-60	White Cloud Farm	WG-E 65 df S
Emerald Ripple (See Caravan Emerald Ripple)				
Emperor	1507	4-19-65	R. J. Taylor	PX 78 d L
Enchantment (See Shangri-La Enchantment)				
Eugenia (See P. T. Eugenia)				
Evagene	1970	7-26-69	Dates Violetry	DO-P 23 d S
Evelyn Johnson	757	3-15-56	Lyndon Lyon	MP 43 d S
Eventide in the Rockies	1333	11-23-62	Mrs. Richard Carr	OVGC 5 d L
Eye Appeal	782	5-30-56	No information	
Eyeful	1954	7-9-69	Richter's Greenhouse	D-P 38 d S
F				
Faberge (See Granger Gardens' Faberge)				
Fabulous (See Dot's Fabulous)				
Faire	983	2-1-58	Lyndon Lyon	DP 368 d S
Fair Elaine (See Granger Gardens' Fair Elaine)				
Fairest (See Aurora's Fairest)				
Fairy Frills	1300	10-11-62	Mrs. Ethel Eaton	OVGC 593 df S
Fairyland Fantasy	1150	11-27-59	Madison Gardens	DBOC 358 d S
Fairyland White	1151	11-27-59	Madison Gardens	W 358 d S-M
Fairy-Lee	1146	11-27-59	Merilees African Violets	DPX 58 sf S
Fairy Skies	1463	7-24-64	Lyndon Lyon	DPV-E 678 sc S
Fancy Nancy	1486	11-25-64	Earl T. Kolb	RWC 5 s S
Fandango	1782	11-15-67	Granger Gardens	WPC 35 df S
Fantasia	1800	12-1-67	Madison Gardens	DP 8 df S
Fantasy Pink (See Westwinds' Fantasy Pink)				
Fantasy Queen	1072	11-6-58	Pauline Kuntz	PBC 43 s S
Fashionette (See Frathel's Fashionette)				
Fashion Frenzy	1985	8-29-69	Lyndon Lyon	L-R 5 dc S-M
Festivity	1513	6-11-65	Champion's African Violets	R 237 dc S
Fiesta Flame	1376	6-24-63	Frank Tinari	DPW-E 93 df S
Fire (See Pilgrim Fire)				
Fireball	1196	2-10-61	Tinari Greenhouse	R 3 s S
Fireball Supreme	1320	11-20-62	Tinari Greenhouse	RX 63 s S
Firebird	2018	11-14-69	Granger GH	RWE 5 sf S
Firebrand (See Champion's Firebrand)				
Fire Bright	1464	7-24-64	Lyndon Lyon	RX 578 dc S
Fire Bugg	1978	8-8-69	Kolb's Greenhouses	R-P 2 sc M
Firecracker	1423	12-30-63	Frank Tinari	DRP 5 sf S
Fire Dance (See Fisher's Fire Dance)				
First Recital	1971	7-26-69	Darts Violetry	O-BWE 345 sf M
FISCHER'S SERIES				
Corona	884	3-2-57	Fischer Flowers	LOW-E 5 s S
Fire Dance	885	3-2-57	Fischer Flowers	RX 8 s S
Pink Sequins	886	3-2-57	Fischer Flowers	RX 5 s S
Fisher's Great Scott	1499	2-10-65	Ernest Fisher	MB 26 s L
Flash Supreme	1494	11-30-64	Tinari Greenhouses	DP 68 d S
Fleet Dream	1131	6-23-59	Select Violet House	P 89 d S
Flick Too	2000	10-24-69	J. B. Griffiths	LR 259 d L
Flirtation	1845	5-10-68	V. Constantinov	R 5 s S
Flirty Eyes	823	10-6-56	Mrs. G. S. Vallin	OWC 5 s S
Floral Fantasy	1986	8-29-69	Lyndon Lyon	L-OBC 2 dc S
Florida Belle (See Crystal Florida Belle)				
Flute (See Chautauqua Flute)				
Flying Saucer Red	1886	11-19-68	Kolb's Greenhouse	R-PX 2 sfc L
Forever White	1388	8-5-63	Granger Gardens	W 38 s S
Frances Ford	1765	11-11-67	Ernest Fisher	BX 23 d S
Frank Burton	1684	4-13-67	Quixie Nichols	OVC 23 s-dfc S
FRATHEL'S SERIES				
Alluring	1951	7-5-69	Frathel's	OVE 3479 d L
Debbie	891	4-15-57	Mrs. Violet Frathel	OX 3589 d S-M
Fashionette	1076	11-18-58	Mrs. J. Frathel	WOC 543 s-d L

Glacier	1077	11-18-58	Mrs. J. Frathel	W 39 d S
Mardi Gras	890	4-15-57	Mrs. Violet Frathel	R 38 d M
Most Precious	905	7-5-57	Mrs. J. Frathel	VOX 5943 df S-M
My Orchid	906	7-5-57	Mrs. J. Frathel	OWGE 93 d L
Free Mood	1879	11-11-68	Mrs. E. Kramer	R-P 3 d L
Frieda*		AVS-48	Ulery's Greenhouses	R 389 s S
French Flair (See Bob's French Flair)				
French Lace	812	9-1-56	Madison Gardens	W 358 sf S
Friendship (See P. T. Friendship)				
Friiled Blue	1548	9-13-65	Lyndon Lyon	VBW-E 5 df S-M
Friiled Blue Lace	806	9-1-56	Madison Gardens	MB 358 sf S
Friiled Orchid Rosette	1152	11-27-59	Madison Gardens	WOC 358 df S-M
Frills (See American Frills)				
Frills (See Twin Lakes' Frills)				
Frilly Top (See DeLeon Frilly Top)				
Fringed Nosegay	1119	2-24-59	Mrs. Geo. S. Vallin	WPGC 58 d S
Fringed Pink Swan	1503	2-20-65	Ernest Fisher	PX 35 df S
Frivolous Frills (See Westwinds Frivolous Frills)				
Frosted Blue Faith	1398	10-18-63	Mrs. Louis H. Krause	LBX 89 d S
Frosted Madonna	839	12-5-56	Select Violet House	W 57 d S
Frost Fire	1596	3-14-66	Granger Gardens	RWE 2 s S
Frou Frou (See P. T. Frou Frou)				
Fun City	1944	6-27-69	E. Janosick	WPC 5 df S
Funny Face	1495	11-30-64	Tinari Greenhouses	DPC 59 s S
Fury (See Granger Gardens' Fury)				
Fuschsia Bride (See Granger Gardens' Fuschsia Bride)				

G

Galaxy Of Canada	1478	10-16-64	Ernest Fisher	RP 59 sfc S
Gay Divorcee (See Westwinds' Gay Divorcee)				
Gay Frances	1262	2-28-62	Mrs. Ethel Palmer	LPYC 8 s S
Gay Note	1793	11-18-67	Edward Janosick	P 25 df S
Gay Pirouette	1525	7-30-65	Granger Gardens	PG-E 58 df S
Gay Song	1945	6-27-69	E. Janosick	D-B 5 df S
General Grant	850	2-1-57	Mrs. R. W. Niedert	DB 9 s L
General Putnam	846	12-29-56	General Putnam AVS	R 569 s S
General Vanier	1766	11-11-67	Ernest Fisher	R-P 5 sf L
Giant Blue Crest (See Granger Gardens' Giant Blue Crest)				
Giant Killer	829	10-3-56	Violet Treasurer House	P 2 d L
Giant Purple Monarch	861	2-17-57	Ulery's Greenhouses	DV 36 s S
Glacier (See Frathel's Glacier)				
Glacier's in the Rockies	1345	3-20-63	Mrs. Richard Carr	OVG-E 59 d S
Gladys Parkins	1706	7-1-67	Stella Flynn	R 345 d S
Glamour Babe (See Oceanside Glamour Babe)				
Glory Bee	1573	11-19-65	Mrs. R. Watts	MR 359 df S
Gold Coast	1958	7-10-69	V. Constantinov	PG-E 5 d S
Gold Dust	1475	10-10-64	E. W. Champion	P 37 d L
Golden Gate	1066	9-18-58	Edna Gardens	PX 38 d L
Golden Girl	1601	3-3-66	Madison Garden's	PY-E 358 s-d S
Golden Nuggett (See Gold Rush Golden Nugget)				
GOLD RUSH SERIES				
Barbary Coast	1453	6-6-64	V. Constantinov	PGC 35 df L
Golden Nugget	1383	7-20-63	V. Constantinov	DPRC 35 df L
Grotei Goes Modern	1454	6-6-64	V. Constantinov	P 5 d L
Western Sky	1455	6-6-64	V. Constantinov	WBC 35 sf L
Golli	1487	11-25-64	Earl T. Kolb	WPG-E 5 d L
Good News (See Granger Gardens' Good News)				
Gordon's Dream	1756	11-7-67	Gordon R. Coon	DX 368 df L
Gorgeous*		AVS-48	R. G. Baxter	RX 89 s S
Gram's Fancy	903	6-25-57	Margaret Berggren	BOC 5 d S
Grand Canyon	1267	8-15-61	Champion's African Violets	OX 857 sf S
Grand Duke	1394	8-5-63	Granger Gardens	MB 8 df S
Grand Fluff	1670	2-23-67	Mrs. Elmer Kramer	MP 39 dc L
GRANGER GARDEN SERIES				
Angela	1210	4-27-61	Granger Gardens	MB 932 d S
Angel Lace	1094	1-9-59	Granger Gardens	WOC 6 sf S
Ann Rutledge	924	8-14-57	Granger Gardens	MBW-E 49 s S
Ann Spencer	1220	4-27-61	Granger Gardens	PW-E 9 s S
April Love	1078	11-18-58	Granger Gardens	BWC 4 d S
Arrowhead	1010	4-7-58	Granger Gardens	BWC 593 s S
Autumn Moon	1011	4-7-58	Granger Gardens	BWC 359 d S
Blue Electra	1012	4-7-58	Granger Gardens	MB 8 d S
Blue Empress	1013	4-7-58	Granger Gardens	LB 4 s S-M
Blue Modiste	1449	3-30-64	Granger Gardens	DBX 359 d L
Blue Nocturne	925	8-14-57	Granger Gardens	MB 9 d S

Blue Pom	1014	4-7-58	Granger Gardens	LB 36 d S
Cara Mia	926	8-14-57	Granger Gardens	BWC 26 d S
Chartreuse Lace	927	8-14-57	Granger Gardens	WGE 9 sf S
Clusters O'Blue	1171	4-20-60	Granger Gardens	MB 59 df S
Command Performance	1228	4-27-61	Granger Gardens	P 348 d S
Cortez	1224	4-27-61	Granger Gardens	DV 93 d S
Crimson CHallenge	1095	1-9-59	Granger Gardens	DR 39 d S
Dorothy Gray	1079	11-18-58	Granger Gardens	WPG-E 83 d S
Double Edith Cavelle	1015	4-7-58	Granger Gardens	LO 359 df S
Drops o'Wine	1016	4-7-58	Granger Gardens	DRX 38 d S
Ebb Tide	1017	4-7-58	Granger Gardens	BWC 93 s S
Ember Dream	1080	11-18-58	Granger Gardens	DR 3 d S
Ember Pink	928	8-14-57	Granger Gardens	DPX 2 s S
Faberge	1081	11-18-58	Granger Gardens	DP 43 d S
Fair Elaine	1217	4-27-61	Granger Gardens	PW-E 93 d S
Fuchsia Bride	1082	11-18-58	Granger Gardens	RP 34 d S-M
Fury	1216	4-27-61	Granger Gardens	OX 659 df S
Giant Blue Crest	1215	4-27-61	Granger Gardens	DB 3 d S
Good News	1083	11-18-58	Granger Gardens	PX 29 df S
Hans Brinker	1221	4-27-61	Granger Gardens	BWE 39 s S
Heldie	1223	4-27-61	Granger Gardens	LPX 38 d S
Hugenot	1084	11-18-58	Granger Gardens	VWC 93 df S
Kings Ransom	1222	4-27-61	Granger Gardens	R 29 s S
Masquerade	1085	11-18-58	Granger Gardens	LBWC 95 d S
Matchmate	1018	4-7-58	Granger Gardens	MBX 35 d S
May Melody	1086	11-18-58	Granger Gardens	MB 59 df S
Never Lovelier	1213	4-27-61	Granger Gardens	OW-E 593 d S
Pied Piper	2021	11-14-69	Granger Gardens	BWC 239 d S
Pink Caress	929	8-14-57	Granger Gardens	MP 2 sf S
Pink Passion	1209	4-27-61	Granger Gardens	P 83 s S
Pride of Rochester	1218	4-27-61	Granger Gardens	WP 9 d S
Purple Princess	1019	4-7-58	Granger Gardens	V 4 s S
Rosalinda	930	8-14-57	Granger Gardens	DO 2 df S
Rose Wing	1021	4-7-58	Granger Gardens	WPC 568 sf S
Royal Nocturne	1020	4-8-58	Granger Gardens	LB 3569 d S
Santa Maria	931	8-14-57	Granger Gardens	LB 9 sf S
Savannah Sweetheart	1227	4-27-61	Granger Gardens	PX 359 d S
September Song	1022	4-7-58	Granger Gardens	DB 59 df S
Shag	1087	11-18-58	Granger Gardens	RX 59 d S
Snow Ballet	1219	4-27-61	Granger Gardens	W 39 d S
Snow Fall	1172	4-20-60	Granger Gardens	W 59 df S
Spun Velvet	1226	4-27-61	Granger Gardens	PW-E 596 sf S
Sweetheart Blue	1225	4-27-61	Granger Gardens	MB 39 d S
Thunderhead	932	8-14-57	Granger Gardens	W 26 s S
Top Sail	1212	4-27-61	Granger Gardens	D-B 59 d-f S
Touch Me Not	1211	4-27-61	Granger Gardens	WBC 593 sf S
White Goddess	933	8-14-57	Granger Gardens	W 4 sf S
White Gold	1023	4-7-58	Granger Gardens	W 56 sf S
White Orchid	934	8-14-57	Granger Gardens	W 9 sf S
Wind and Sea	1214	4-27-61	Granger Gardens	MBW-E 593 df S
Great Scott	1177	8-11-60	Omaha A. V. Club	MB 82 s S
Great Scott (See Fisher's Great Scott)				
Green Confetti	1245	8-15-61	Champion's African Violets	DB 78 d S
Green Dawn (See Richter's Green Dawn)				
Green Eyes	1059	8-8-58	Tinari Greenhouse	WOG-E 93 s S
Greenfield's Double Beauty	954	11-18-57	Mrs. Samuel Greenfield	MB 35 df L
Green Frills	1995	10-1-69	E. Fisher	LOGC 35 df S
Green Hornet	1314	11-9-62	Kolb's Greenhouses	OVGW 5 s S-M
Green Petticoat	1165	3-10-60	Clarissa Harris	VG-E 3589 df L
Green Tint	1887	11-19-68	Kolb's Greenhouse	WG-E 2 d S
Grotei Goes Modern (See Gold Rush Grotei Goes Modern)				
Gumdrop (See Richter's Gumdrop)				

H

Hand Picked	1952	7-5-69	Frathel's	PRC 47 d S
Hans Brinker (See Granger Gardens' Hans Brinker)				
Happy Daze	2030	11-20-69	J. S. Shaw	LPRC 39 df S
Happy Ending	1287	8-25-62	Champion's African Violets	O 7983 d S
Happy Fella	1125	3-10-59	Mrs. C. F. Richard	DP 38 d L
Happy Hooligan	1457	6-18-64	Frank Burton	LP 27 d L
Happy Mood (See P. T. Happy Mood)				
Happy Time	1866	9-9-68	Lyndon Lyon	R-P 23 dc S
Harret	1127	5-5-59	Mrs. C. R. Foster	WVC 8 s L
Harriette	1002	3-29-58	Claude Gortatowsky	LVX 936 s S

Harvest (See Pilgrim Harvest)					
Hawaiian Dream	1352	5-26-63	Krogman's Violetry	OVC 68 d S	
Hawaiian Eye	1277	6-19-62	Mrs. Elmer Kramer	DPOC 92 s M	
Hazel Irene	1767	11-11-67	Ernest Fisher	DP 23 d L	
Headliner	1113	2-5-59	E. E. Hammond	P 436 s S	
Heart of Texas	1393	8-5-63	Granger Gardens	DPX 58 sf S	
Height of Fashion	1324	11-21-62	Granger Gardens	DP 83 d S	
Heirloom (See Caravan Heirloom)					
Heldie (See Granger Gardens' Heldie)					
Helen Lavelle	1450	4-18-64	Mrs. W. J. Purdue	LPX 38 sc S	
Helen Van Pelt Wilson	909	8-14-57	Tinari Greenhouses	PW-E 438 s S-M	
Helen Van Zele	1916	12-4-68	Tinari Greenhouses	WL-P 38 s-df S	
Hello Dolly	1641	9-8-66	Lyndon Lyon	M-P 8 dc S	
Henny Backus	1725	9-6-67	Lyndon Lyon	V 2 dc S	
Heritage	1193	12-22-60	Richter's Greenhouses	DV 38 d S	
Heritage (See Pilgrim Heritage)					
Hermosa	1074	11-7-58	Carolyn K. Rector	DP 38 d S	
High Above	1738	9-30-67	Champion's African Violets	LBX 278 d S	
Highland Beau (See Richter's Highland Beau)					
Hi Hopes	1303	10-19-62	Lyndon Lyon	VW-E 8 dc S	
Highlight	1354	5-28-63	Champions African Violets	MB 578 df L	
Hi-Lander	1795	11-21-67	Catherline M. Hawley	RX 3 s L	
Hinckley's Velvet Puff	856	2-7-57	Mrs. Gladys A. Hinckley	RVOX 983 d S	
Holiday	752	3-15-60	Lyndon Lyon	OP 93 d S	
Holly Cherry	1170	4-25-60	K. L. and J. Blanchard	RV 9853 d L	
Holly Doodle	1188	9-12-60	Lyndon Lyon	WBG-E 583 dcf S	
Holly Halo	798	8-24-56	Mrs. A. C. Hasenyager	BW-E 958 sf S	
Holly Peach	1726	9-6-67	Lyndon Lyon	MP 5 dfe S	
Holly Picotte	950	11-17-57	Pauline Kuntz	LBW-E 9853 sf L	
HOLLYWOOD STAR SERIES					
Cyclops	1456	6-6-64	Victor Constantinov	MB 3 s S	
Easter Morning	1384	7-26-63	Victor Constantinov	W 358 sc S	
Honey Bunch	1979	8-8-69	Kolb's Greenhouses	PX 5 d S	
Hood Wink	1896	11-21-68	Dates Violetry	M-BW-E 29 sf S	
Hoosier Pink	956	11-21-57	Wilson Bros	MP 8 d L	
Hope (See Pilgrim Hope)					
Hopeful	1544	8-26-65	Mrs. R. Watts	DR 359 df S	
Horizon	1591	2-3-66	Mrs. R. Watts	DRG-E 59 df S	
Hugenot (See Granger Gardens' Hugenot)					
I					
Icebreaker	1488	11-25-64	Earl T. Kolb	WBC 5 df S	
Ice Flo	1328	11-21-62	Granger Gardens	W 93 d S	
Icy Peach	1642	9-8-66	Lyndon Lyon	LPX 8 s-dc S	
Imp	1840	5-3-68	Tinari's Greenhouse	R-PW-E 2 s S-M	
Indiana Doll (See Richter's Indiana Doll)					
Indiana Princess (See Madison Gardens' Indiana Princess)					
Indianola	875	2-20-57	Ulery's Greenhouses	OX 83 s L	
Innocent (See Aurora's Innocent)					
Intensified Pride	1972	7-26-69	Dates Violetry	R-P 39 s S	
Invader	984	2-1-58	Lyndon Lyon	MP 83 dc S	
Iowa Sunset	1117	2-15-59	H. E. Niemann	DVR 36 sf S	
Irene Fleming	1389	8-5-63	Granger Gardens	PG-E 358 d S	
Iris	792	8-5-56	Richter's Greenhouse	LB 83 d S	
Irish Colleene (See P. T. Irish Colleene)					
Irish Crochet (See Richter's Irish Crochet)					
Irish Rose	1801	12-1-67	Madison Gardens	D-PX 8 df S	
Isle of Capri	1317	11-9-62	Kolb's Greenhouse	PY-E 5 sf S	
Isle of Dreams	1187	9-12-60	Lyndon Lyon	DP or PWC 53 dc S	
Iva Mae	1134	7-30-59	George C. Taylor	RX 953 d S	
Ivory Fashion	1526	7-30-65	Granger Gardens	WP 39 s S	
J					
Jamie Lynn	1823	2-21-68	Mrs. J. B. Griffiths	P 35 df S	
Janny	1527	7-30-65	Granger Gardens	OPWE 2 sc S	
Jasmine	1153	11-27-59	Madison Gardens	DP 956 d S-M	
Jay Bee Gee	2001	10-24-69	J. B. Griffiths	DOVE 359 df L	
Jayne Anne	2002	10-24-69	J. B. Griffiths	MPRE 359 d S	
Jean Victoria	1757	11-7-67	Gordon R. Coon	BW-E 359 df S	
Jeepers Creepers	1946	6-27-69	E. Janosick	R-PWC 2 d S	
Jeff's Jewel	1407	11-21-63	Rose Knoll Gardens	DP 9 d S	
Jennifer	2006	10-25-69	Tinari's Greenhouse	LODEGE 19 s S	
Jet Star	1693	5-27-67	Tinari Greenhouse	P-OW-E 3 sc S	
Joan	1030	4-16-58	Kahler Garden	W 58 sf S	

Joanne My Lady	1676	3-10-67	Mrs. H. R. Stine	DPGE 5 df S
Joan Van Zele	1809	1-19-68	Lyndon Lyon	D-PX 3 d S
Johanna	970	11-30-57	M. W. Maybach, Sr.	WOGC 53 sf S
John Bradshaw	1579	11-26-65	Ernest Fisher	MB 25 d L
John F. Kennedy	1508	4-19-65	R. J. Taylor	P 38 df L
Johns Blue	1826	2-27-68	J. H. Rymer	B 3 d S
Jolly Giant	1549	9-13-65	Lyndon Lyon	PX 2 s-d S
Jolly Giant Sport	1727	9-6-67	Lyndon Lyon	LR 3 dc S
Jo Willis	1351	5-20-63	Mrs. D. H. Herring	LB 59 d L
Joy (See American Joy)				
Joyful Sails	1771	11-13-67	Mrs. Elmer Kramer	DBW-E 23 d L
Joy's Blue Midnight	777	5-28-56	Mrs. J. V. McKillip, Sr.	MB 53 df L
Juan Tu	1936	6-19-69	E. Fisher	PG-E 23 sc L
Jubilee	1373	6-24-63	Frank Tinari	W 3 df S
Jumbo Geneva	1323	11-20-62	Tinari Greenhouse	VW-E 6 s S
June Bride	758	3-21-56	E. E. Hammond	W 845 sf S
June Hero	1452	5-21-64	Clarissa Harris	BOX 35 d L
Jungle Fire	1834	4-7-68	Tinari Greenhouse	WRC 5 s S-M
Junior Miss	1514	6-11-65	Champion's African Violets	PX 2378 d S
Just Peachy	1515	6-11-65	Champion's African Violets	LP 2378 d L

K

Kaneland Beauty	1973	7-26-69	Dates Violetry	BWC 5 sc S
Kansas City Chief	1933	5-20-69	D. M. Palmer	LRG-E 359 sfc L
Kansas City Child (See Kaw Valley Kansas City Child)				
Kansas City Royal	1934	6-3-69	E. M. Barber	RXG-E 359 s-dc L
Kathleen	1612	5-13-66	Volkman Brothers	W 8 d S
KAW VALLEY SERIES				
Chanticleer	1004	4-5-58	Mrs. Charles E. Miller	DB 436 s S
Delft Blue	1005	4-5-58	Mrs. Charles E. Miller	DB 436 s S
Dogwood	1006	4-5-58	Mrs. Charles E. Miller	WOC 4356 s S
Kansas City Child	1007	4-5-58	Mrs. Charles E. Miller	RO 436 s S
Springtime	1008	4-5-58	Mrs. Charles E. Miller	WOC 43 s S
Storm Girl	1009	4-5-58	Mrs. Charles E. Miller	MB 43 s S
Keeler's Lou Ann	1517	7-13-65	C. L. Keeler	P 79 d S
Keepsake	1268	8-17-61	Champion's African Violets	WPC 758 df S
Kentucky Babe	848	2-1-57	Mrs. R. L. Browning	MP 6 s S
Kentucky Bluegrass	849	2-1-57	Mrs. R. L. Browning	LB 83 s L
Kentucky Melody	1748	10-25-67	Rose Knoll Gardens	D-BP 2 df S
Killington	1831	4-1-68	Rose Thomas	P 5 dfc S
Kimberly (See Bud's Kimberly)				
King Pin	1703	6-27-67	Mrs. E. Kramer	VWE 3 dc L
King Richard	827	10-6-56	Violet Treasure House	RX 6 d S
King's Jewel	1802	12-1-67	Madison Gardens	DRY-E 356 s-d S
Kings Ransom (See Granger Gardens' Kings Ransom)				
Kismet	1880	11-11-68	Mrs. E. Kramer	R-P 359 s S
Krisie	1803	21-1-67	Madison Gardens	W 38 d S
KUHL'S SERIES				
Ardesia	1732	9-20-67	Mrs. W. F. Kuhl, Jr.	MOX 5 d S
Beauty Of Thebes	1479	11-4-64	Mrs. W. F. Kuhl, Jr.	VWC 357 d L
Blue Roses	1635	8-15-66	Mrs. W. F. Kuhl, Jr.	D-B 29 d S
De Leon Pink	1480	11-4-64	Mrs. W. F. Kuhl, Jr.	MP 2 d S
Megalito	1733	9-20-67	Mrs. W. F. Kuhl, Jr.	MB 2 d S
My Man	1636	8-15-66	Mrs. W. F. Kuhl, Jr.	D-VWE 35 d S
Nefer.titi	1637	8-15-66	Mrs. W. F. Kuhl, Jr.	D-BX 29 d S
Parnassus	1734	9-20-67	Mrs. W. F. Kuhl, Jr.	D-B-VX 9 d S-M
Pink Treasure	1632	8-15-66	Mrs. W. F. Kuhl, Jr.	L-PWC 5 d S-M
Roundelay	1634	8-15-66	Mrs. W. F. Kuhl, Jr.	M-B 4 d S-M
Snowy Smile	1481	11-4-64	Mrs. W. F. Kuhl, Jr.	W 3 d S
Tralee Rose	1633	8-15-66	Mrs. W. F. Kuhl, Jr.	L-P 35 d S-M
Wanderlust	1735	9-20-67	Mrs. W. F. Kuhl, Jr.	DV 29 d S

L

Lacelon Blue	1489	11-25-64	Earl T. Kolb	BGC 5 df S
Lacy Fringe	1031	4-16-58	Kahler Garden	W 583 sf S
Ladora	1379	7-3-63	Mrs. Mae Ritchart	P 38 d L
Lady Alura	803	9-1-56	Madison Gardens	DVX 9453 d S-M
Lady "K"	940	9-12-57	Otto Heeckt	W 486 d S
Lady Lockette	766	4-7-56	Lillian A. Locket	D-V 435 s S
Lady Wilson	1458	7-13-64	Tinari Greenhouse	D-BW-E 359 d L
La Femme (See Richter's La Femme)				
Lamplighter (See Pilgrim Lamplighter)				
Lasso (See P. T. Lasso)				
Last Snow	1694	5-27-67	Tinari Greenhouse	W 9 s S-M

Laura Ruth	1554	10-2-65	Lillian Nelson	BWE 35 sf S
La Vena	1758	11-7-67	Gordon R. Coon	LP 45 df S
Lavender Fringe	1888	11-19-68	Kolb's Greenhouse	WO-E 5 df L
Lavender Gem	2019	11-14-69	Granger Greenhouse	R-OWE 239 d S
Lavender Loveliness	1810	2-1-68	Feddersen's A.V.	O 23 d S
Lavender Sparkle (See Westdale Lavender Sparkle)				
Lavender Tropical Dawn	1770	11-13-67	Mrs. Elmer Kramer	OWC 57 df L
La Vie en Rose	1440	3-23-64	Madison Gardens	LPC 389 d S
Lavish Lady	1881	11-11-68	Mrs. E. Kramer	D-P 15 d L
Leah's Jewels	1718	8-17-67	Mrs. L. H. Krause	OX 56 s-d S
Le Baron	1620	7-26-66	Mrs. J. B. Griffiths	WOC 39 d S-M
Le Chateau	1660	11-30-66	Bob Kramer	M-PX 3 dc L
Legend	1421	12-12-63	White Cloud Farm	P 36 d S
Lightening	1545	8-26-65	Mrs. R. Watts	DB 39 d S
Lilac Bouquet	1959	7-10-69	V. Constantinov	O 2 d S
Lilac Dale	1114	2-5-59	E. E. Hammond	LVX 93 d S
Lilian Jarrett	1060	6-9-61	Tinari Greenhouses	LP 3789 d L
Lilian Jarrett Supreme	1253	9-21-61	Tinari Greenhouses	LP 7368 d S
Lili Belle	2007	10-25-69	Tinari Greenhouses	P-RW 53 s-df S
Lili Posa	1418	11-29-63	Mrs. Albert Lefebvre	RX 236 d L
Lillian Dates	1671	2-23-67	Mrs. Elmer Kramer	MPW-E 39 dc L
Lime Light (See Caravan Lime Light)				
Linda	1441	3-23-64	Madison Gardens	WOC 358 d S
Linda Blue	1937	6-19-69	E. Fisher	B-VW-E 23 s-dc L
Lingo	1183	9-12-60	Lyndon Lyon	OX 53 df S
Little Boy Blue (See Maidson Gardens Little Boy Blue)				
Little Busy Bee	1667	12-15-66	Bob Kramer	O 2 d S-M
Little Marvel	1858	5-31-68	Champion's A.V.	L-B 237 d S
Little Miss Texas	1862	8-24-68	Mrs. C. Osborn	W 39 d S-M
Little Ruddy	1624	8-13-66	Victor Constantinov	DP 2 sc M
Loch Loma	790	6-20-56	Helen Morgan	LB 58 sf L
Lola	1804	12-1-67	Madison Gardens	OV-E 8 d S-M
Lola Montez	1337	11-23-62	Pearl & E. H. Thomas	ROGE 9 sf S
Long Island Deb.	783	6-26-56	African Violet Cellar	MB 83 d L
Long John Silver	1582	12-1-65	Pearl Thomas	O 9 s S
Lorea (See P. T. Lorea)				
Lori Sue	1528	7-30-65	Granger Gardens	WVC 5 s-d S
"Los Angeles"	1964	7-15-69	Mrs. C. M. Harris	P 59 d S
Lotus Suntone	1109	1-30-59	Select Violet House	PX 94 d S
Lou Anna	1555	10-2-65	Lillian Nelson	B 35 sf S
Lou Ann (See Keeler's Lou Ann)				
Louise Black	2003	10-24-69	J. B. Griffiths	LPYE 23 s-df L
Louise Noble	1941	6-27-69	Mrs. X. R. Randall	D-P 57 d L
Lovelace	1366	6-13-63	Walter H. Volkmann	WBC 5 sf S
Lovely Lady (See Wilson's Lovely Lady)				
Love Song	1049	7-20-58	Madison Gardens	P 5 d S-M
Lulie Watkins	1397	8-24-63	Mrs. C. W. Thornhill	RGE 5 s S
Lullaby	1783	11-15-67	Granger Gardens	LBX 23 d S
Lulu Belle	844	12-17-56	Richter's Greenhouse	BWC 4 d M
Lynn R. Thide	1736	9-23-67	Mrs. Elmer Kramer	B-VW-E 3 dc L

M

McGinty	1033	4-16-58	Kahler Garden	DBC 45 d L
McTavish	1034	4-16-58	Kahler Garden	B 8 d L
MaChere	1424	12-30-63	Tinari Greenhouse	DPG-E 5 df S
Mad Hat	819	10-6-56	Violet Treasure House	DP 149 d S
MADISON GARDENS SERIES				
Blue Goddess	1044	7-20-58	Madison Gardens	B 3568 sf S
Indian Princess	1047	7-20-58	Madison Gardens	OWC 3568 sf S-M
Little Boy Blue	1048	7-20-58	Madison Gardens	LB 938 sf S-M
Pink Dawn	1051	7-20-58	Madison Gardens	LP 8 d S-M
Magenta Pirate	1490	11-25-64	Earl T. Kolb	R-P 35 sf S
Magnifica	1643	9-8-66	Lyndon Lyon	DPW-E 39 dc S
Magnificent Mistress	1387	8-5-63	Granger Gardens	V 45 sf S
Maid Marian	1529	7-30-65	Granger Gardens	DP 5 d S
Maisie Yakie	1395	8-5-63	Granger Gardens	DP 59 sf S
Malta	1426	1-16-64	Edena Gardens	V 38 d S
Mamie	1032	4-16-58	Kahler Garden	W 358 df S
Manorville Beauty	1160	2-15-60	Madeline Hill	ROC 58 sf L
Many Loves	1728	9-6-67	Lyndon Lyon	MRW-E 2 dc S
Maple Sugar	1654	11-14-66	Mrs. H. E. Rieck	PX 23 d S
Mardi Gras (See Frathel's Mardi Gras)				
Mardy's Elinor	1269	8-12-61	Mrs. Charles Milhaus	DPX 3 d S
Margaret Jean	1759	11-7-67	Gordon R. Coon	DB or BWC 35 d S
Margie Jean	1938	6-19-69	E. Fisher	R-VX 23 sc S

Mariner Blue	1530	7-30-65	Granger Gardens	MDBW-E 2 d S
Maritimer	1121	2-25-59	Mrs. J. A. Beach	WPC 389 d S
Mark Hopkins	1625	8-13-66	Victor Constantinov	DPX 35 sf S
Mark Robert	989	3-10-58	Lyndon Lyon	BX 8 sc S-M
Martha Washington (See Behnke's Martha Washington)				
Marvella (See P. T. Marvella)				
Mary Bell	1909	11-27-68	M. Lanigan	WL-BC 9 df S
Mary Odell	1997	10-1-69	Mrs. M. Blenkarn	DPX 239 d S
Mary Ubsdell	2004	10-24-69	J. B. Griffiths	MPWE 359 s-d S
Masquerade (See Granger Gardens' Masquerade)				
Master Blue	1465	7-24-64	Lyndon Lyon	B-VW-E 8 dc S
Masterpiece (See Caravan Masterpiece)				
Match Maker	2031	11-26-69	C&N Mallette	PX 359 s-dfc S
Matchmate (See Granger Gardens' Matchmate)				
Maude Mae	1942	6-27-69	Mrs. X.R. Randall	VOC 357 d L
Maumee Vesper	1575	11-22-65	Glass City of Toledo	RV 359 sf L
Mayfair (See American Mayfair)				
Mayflower (See Pilgrim Mayflower)				
May Melody (See Granger Gardens' May Melody)				
Maytime	1365	6-13-63	Walter H. Volkmann	LPX 3 d L
Mediterranean Dusk	1284	6-28-62	Hope Ireland	DV 82 s L
Mediterranean Moonlight	1285	6-28-62	Hope Ireland	WBC 583 s S
Megalito (See Kuhls' Megalito)				
Megan	1943	6-27-69	Mrs. X. R. Randall	PXW-E 57 d S
Melinda Pearl	1824	2-21-68	Mrs. J. B. Griffiths	D-V-B 359 d S
Mello White	1980	8-8-69	Kolb's Greenhouses	WP-E 2 df S
Melody (See American Melody)				
Melody Air	1110	1-30-59	Select Violet House	WPC 9 d S
Mentor Boy*		AVS-48	Merkle & Sons	V 38 s S
Merry Ann	1683	4-10-67	W. Albright	ORC 38 s-d S
Merry Go Round	1357	5-28-63	Champion's African Violet	DB 78 sc S
Midnight Echo	1910	11-27-68	M. Lanigan	D-B-VW-E 8 d L
Midnight Frost	1611	5-21-66	Capital Dist. AVS	VX 37 s L
Midnight-Magic	1868	9-27-68	Charles Dederer	D-B 35 d S
Midnight Seas	1330	11-21-62	Granger Gardens	VWE 583 df S
Midnight Serenade	1846	5-10-68	V. Constantinov	D-V 5 df L
Midnight Star	1772	11-13-67	Mrs. Elmer Kramer	MXV 23 sc L
Mildred	1035	4-16-58	Kahler Garden	BX 58 sf S
Mindy	1442	3-23-64	Madison Gardens	WOGC 58 sf S-M
Ming Ling	1805	12-1-67	Madison Gardens	R 35 d S-M
Mingo	1729	9-6-67	Lyndon Lyon	LR 2 dc M
Mint Glow	1167	4-4-60	Mary Meeds	LPX 2 d L
Miramar (See P. T. Miramar)				
Mirror (See Niagra Mirror)				
Miss Lou	786	6-20-56	Helen Morgan	R-O 458 d S-M
Miss Norfolk	787	6-20-56	Helen Morgan	DBW-E 35 s L
Miss Norwalk	847	12-29-56	General Putnam AVS	MB 6 s S
Miss Rock Island	1191	11-12-60	Mrs. George W. Benson, Sr.	WPGC 359 d S
Miss Walla Walla	1715	7-11-67	Mrs. M. Rimpler	MBW-E 35 d L
Miss Wisconsin	1039	9-2-57	Mrs. O. F. Isenberg	LBX 3 df S
Mister Dates	1672	2-23-67	Mrs. Elmer Kramer	DBW-E 39 dc L
Mister Gus	1905	11-27-68	Mrs. H. G. Cook	R-V 37 d L
Mister Sandman	1847	5-10-68	V. Constantinov	P-RXW-E 5 dc S
Mistletoe (See Richter's Mistletoe)				
Misty Isle	1848	5-10-68	V. Constantinov	M-B 2 sc S
Misty Jewel	1749	10-25-67	Rose Knoll Gardens	WBG-E 29 d S
Misty Pink	753	3-15-56	Lyndon Lyon	LP 83 s S
Mixed Bouquet	1760	11-7-67	Gordon R. Coon	O or OWC 35 d S
Mojave	1115	2-5-59	E. E. Hammond	BVX 139 s S
Molly Brown	1613	5-25-66	Mrs. P. W. Kiesling	M-PX 348 d S
Mom's Birthday	1553	9-18-65	Mrs. H. R. Stine	WPC 3 d L
Monaco Pink	908	8-4-57	Tinari Greenhouse	DP 38 df S
Mona Lisa	811	9-1-56	Madison Gardens	OX 2568 d S-M
Monique	2037	11-29-69	V. Constantinov	OX 23 s S
Moonglow (See Shangri-La Moonglow)				
Moonlight & Roses	1356	5-28-63	Champion's African Violets	MP 347 d L
Moon Maid	808	9-1-56	Madison Gardens	WOC 358 s S
Morning Sky	1656	11-19-66	Champion's African Violets	L-BX 27 d L
Mosaica	1695	5-27-67	Tinari Greenhouse	WRC 59 sf S
Most Precious (See Frathel's Most Precious)				
Mound Of Pink	1466	7-24-64	Lyndon Lyon	P 58 d S
Mountain Rose	1064	8-20-58	Mrs. F. G. Spitz	RP 38 d S
Mr. Doctor	895	5-10-57	Mrs. A. C. Hofsommer	LVX 38 d S
Mrs. Boles*		AVS-48	Mrs. Frank Parker	MBV 358 s S
Mrs. Doctor	896	5-10-57	Mrs. A. C. Hofsommer	ROX 458 s S
Mrs. Nellie Firth	1129	5-29-59	Edith E. Waller	LBV 38 d L

Mt. Lakes	1275	6-15-62	Mrs. Richard Carr	DB 93 d S
Mt. Lavo	1274	6-15-62	Mrs. Richard Carr	O 59 df S
Mt. Skies	1344	3-20-63	Mrs. Richarr	M-B 59 df S
My Bob (See Shangri-La My Bob)				
My Clara (See Shangri-La My Clara)				
My Flame	1301	10-19-62	Lyndon Lyon	RX 8 dc S
My Friend	1342	1-25-63	Ruth Kocinski	MB 358 d S
My Hope	1270	6-19-61	John H. Rymer	MB 93 d L
My Man (See Kuhls' My Man)				
My Maryland	961	11-25-57	Behnke Nurseries	MB 289 s-d L
My Orchid (See Frathel's My Orchid)				
My Own	1271	4-19-61	Spoutz Greenhouses	W 9 d L
My Queen	768	4-13-56	Mrs. Chauncey Olson	ROX 6 s S
Myrtle*		AVS-48	R. G. Baxter	LBV 8 dc S-M
My Sin	990	3-10-58	Lyndon Lyon	DPX 8 dc S-M

N

Nancy Ann	1974	7-26-69	Dates Violetry	L-B 2 s M
Naomi's Afterglo	1000	3-27-58	Naomi's African Violets	DRP 3458 d S
Naomi's Sno Bird	1001	3-27-58	Naomi's African Violets	W 38 s S
Navarro	1141	9-8-59	Carolyn K. Rector	DV 38 d L
Nefertite (See Kuhls' Nefertite)				
Neptune*		AVS-48	Armacost & Royston	MBV 38 s L
Neptunes-Mermaid	1707	7-1-67	Stella Flynn	DB 289 df S
Never Lovelier (See Granger Gardens' Never Lovelier)				
New Horizon (See Caravan New Horizon)				
New Jersey Girl	1430	2-26-64	Mrs. Glenn B. Hudson	POX 45 s S
New Snow	1955	7-9-69	Richter's Greenhouse	WG-E 28 d S
NIAGRA SERIES				
Dawn	936	9-7-57	Mrs. C. F. Richard	LP 45 d S
Symphony	937	9-7-57	Mrs. C. F. Richard	DOX 5 sf S
Nightshade (See Richter's Nightshade)				
Night Sky	1412	11-21-63	Champion's African Violets	DB 378 d S
Nina Noll	1593	2-16-66	Mrs. G. B. Hudson	W 9 d S
Nobility	1784	11-15-67	Granger Gardens	W 23 d S
Nona Weber	1750	10-25-67	Rose Knoll Gardens	R-OV-E 239 s-dc S
Norma	986	3-6-58	Mildred B. Neilsen & Phyllis W. Seeley	ROX 3456 s S
Norseman*	413	AVS-48	Armacost & Royston	MB 8 s S
Nova Scotia Bluenose	1122	2-25-59	Mrs. J. A. Beach	DPX 89 d S
Number 32*		AVS-49	Armacost & Royston	MBV 3 s S
Nymph Fly	1897	11-21-68	Dates Violetry	B 289 sf M

O

OCEANSIDE SERIES

Glamour Babe	1295	9-14-62	Mrs. F. Krumenacker	MPX 59 df L
Skies	1294	9-14-62	Mrs. F. Krumenacker	MBX 59 df S
October Sunset	2038	11-29-69	V. Constantinov	P-R 35 s S
Oh My	1991	9-13-69	Mrs. C. S. Hawley	DB 29 d S
Oklahoma	1050	7-20-58	Madison Gardens	LB 3458 d M
Old Black Joe	1154	11-22-59	Madison Gardens	DB 359 df S-M
Old Fashion	754	3-15-56	Lyndon Lyon	DP 38 d S
Old Gold	1626	8-13-66	Victor Constantinov	RGC 35 sf L
Olivia's Darling	1838	4-29-68	Olivia DoPaco	D-B 35 dc S-M
Omar Rose (See P. T. Omar Rose)				
Oneida	1739	9-30-67	Champion's African Violets	DB 237 d L
On The Beam	1751	10-25-67	Rose Knoll Gardens	PRC 29 df S
Ora Lee	1265	3-10-62	Dorothy E. Lincoln	MBX 3589 s S
Orchid Beauty*		AVS-48	Mrs. W. H. Odom	OR 8 s S
Orchid Girl*		AVS-48	Mrs. W. H. Odom	O 45 s S
Orchid Harmony	1584	12-20-65	Mrs. O. G. Pierson	O 9 s S
Oralia	1339	11-23-62	Mrs. W. Keith Myers	OX 389 d L
Organdy	999	3-24-58	Mrs. Chauncey Olson	W 38 df L
Oriental Red	1304	10-19-62	Lyndon Lyon	R 8 dc S
Our Nancy	2005	10-24-69	J. B. Griffiths	WLBC 29 d S
Outer Space	1889	11-19-68	Kolb's Greenhouse	OV-E 2 sc S

P

Pacemaker (See Rose Knoll Pacemaker)

Pacifica (See P. T. Pacifica)

Pageant (See Caravan Pageant)

Painted Doll	1427	1-16-64	Edena Gardens	WRC 58 s S-M
Painted Face	1587	1-27-66	Tinari Greenhouses	R PWC 15 sf S

Palomino	1243	8-17-61	Champion's African Violets	DB or DBWC 7953 sf S
Pan Am	1849	5-10-68	V. Constantinov	RP-E 5 s-dc S
Parasol	1616	5-31-66	Earnest Fisher	OVC 2 s-dc S
Paris Pink	1960	7-10-69	V. Constantinov	D-P 5 df S
Parker's Lilac Time	1901	11-22-68	Dorothy R. Parker	OXW-E 39 s-d L
Parnassus (See Kuhl's Parnassus)				
Party Gown	1246	8-15-61	Champion's African Violets	DP 758 s S
Party Line	1276	6-19-62	Mrs. Elmer Kramer	R 598 df S
Pastel Lady	1346	3-25-63	Mrs. Glen B. Hudson	OX 58 s L
Pastel Swirl	1399	10-23-63	Tinari Greenhouses	L-P WG-E 53 d S
Patrician	2020	11-14-69	Granger Greenhouses	DVWE 239 d S
Patti	1919	1-6-69	Tinari Greenhouse	M-P 3 s-df S
Patti Anne	1105	1-26-59	Tinari Greenhouses	WBC 48 d S
Pat's Parasol	1278	6-19-62	Mrs. Elmer Kramer	RWC 598 s S
Pats Pet	1550	9-13-65	Lyndon Lyon	GX 5 d S-M
Paula	1362	5-29-63	Nicholas DeLandis	LRX 8 s L
Peace (See Shangri-La Peace)				
Peacharino	1563	11-1-65	West's Greenhouse	WPC 39 s S
Peach Tips	1961	7-10-69	V. Constantinov	PX 2 d S
Peak Of Pink	1467	7-24-64	Lyndon Lyon	PW-E 8 dc S
Pearl Moon	1928	4-4-69	Mrs. I. Haseltine	W 3 sc S
Pearly Shells (See Richter's Pearly Shells)				
Penne Sue	762	3-18-56	Mrs. Elmer Lakin	MB 5 sf S
Perky Pink	945	11-17-57	John H. Rymer	DP 8 d S
Perky's Bride	1272	6-19-61	John H. Rymer	MP 34 d S
Persia Drewry	1704	6-27-67	Mrs. E. Kramer	LPX 5 dc L
Persian Blue	1369	6-24-63	Ann Tinari	LB 9 d S
Persian Rose	1875	10-24-68	E. Fisher	D-P 23 d L
PERSIAN SERIES				
Angel	1401	10-25-63	Manelta Lanigan	WBC 579 d L
Coquette	1417	11-29-63	Manelta Lanigan	WRC 578 df S
Delight	1400	10-25-63	Manelta Lanigan	PX 579 df S
Treasurer	1402	10-25-63	Manelta Lanigan	DPX 579 d S-M
Pert'n Pretty	1597	3-14-66	Granger Gardens	PW-E 29 dc S
Persphone	1912	11-29-68	Hi Hill	P 2 d S
Pet	1931	4-23-69	G. J. Moore	VX 35 s S-M
Philly	1956	7-9-69	Richter's Greenhouse	D-P 38 d S-M
Pickaninny	1592	2-3-66	R. & M. Watts	DBVGC 35 df S
Picture Hat	1617	7-18-66	Champion's African Violets	PX 237 dfc S
Pied Piper (See Granger Garden's Pied Piper)				
Pierrot (See P. T. Pierrot)				
PILGRIM SERIES				
Fire	1678	3-18-67	Nelson Farm Violets	R 23 df S
Harvest	1679	3-18-67	Nelson Farm Violets	OVC 23 df S
Heritage	1541	8-26-65	Nelson Farm Violets	DB 23 df S
Hope	1576	11-24-65	Nelson Farm Violets	MB 239 d S
Lamplighter	1680	3-18-67	Nelson Farm Violets	P-R 23 df S
Mayflower	1542	8-26-65	Nelson Farm Violets	PG-E 35 df S
Ripple	1621	8-1-66	Nelson Farm Violets	DBWE 359 d S
Springtime	1577	11-24-65	Nelson Farm Violets	DP 35 d S
Tapestry	1681	3-18-67	Nelson Farm Violets	V 237 d S
Villager	1682	3-18-67	Nelson Farm Violets	P 23 df S
Yule	1543	8-26-65	Nelson Farm Violets	R 35 df L
Pink Alaska	1155	11-27-59	Madison Gardens	WPC 583 s S-M
Pink Anniversary	845	12-27-56	General Putman AVS	DPX 69 s S
Pink Babysbreath	815	10-6-56	Violet Treasure House	PWC 4 d S
Pink Beauty*		AVS-48	Holton & Hunkel	P 89 s S
Pink Begonia (See Bud's Pink Begonia)				
Pink Betty Boop	818	10-24-56	Violet Treasure House	LP 4 s S
Pink Calypso	1206	3-24-61	Mrs. T. C. Fritz	PWC 83 sf L
Pink Caress (See Granger Gardens' Pink Caress)				
Pink Cargo	1531	7-30-65	Granger Gardens	PW-E 3 d S
Pink Carousel	1568	11-8-65	Champion's African Violets	P 2378 d S
Pink Carpet	1696	5-27-67	Tinari Greenhouse	MP 3 sc S
Pink Challenge	1182	9-1-60	Mrs. Leo Spengler	DP 983 d L
Pink Charm	1785	11-15-67	Granger Gardens	LP 23 df S
Pink Chateaugay	1752	10-25-67	Rose Knoll Gardens	PW-E 29 ds S
Pink Chiffon	809	9-1-56	Madison Gardens	LPO 358 sfc S
Pink Coquette	1391	8-5-63	Granger Gardens	PW-E 59 df S
Pink Crest	1564	11-1-65	West's Greenhouse	P 39 d L
Pink Cushion	866	2-20-57	Ulery's Greenhouses	DP 38 d S
Pink Dart (See Dot's Pink Dart)				
Pink Dawn (See Madison Garden's Pink Dawn)				
Pink Diamond	1835	4-7-68	Tinari Greenhouse	PW-E 2 sc S-M
Pink Dilly	755	3-15-56	Lyndon Lyon	DP 39 s S-M
Pink Dubloom	1786	11-15-67	Granger Gardens	DPWE 239 s-d S

Pink Figurine	817	10-6-56	Violet Treasure House	DP 4 s S
Pink Fullfillment	1705	6-27-67	Mrs. E. Kramer	MPX 5 df L
Pink Garden	957	11-25-57	Wilson Bros.	P 8 sf L
Pink Geneva	907	8-4-57	Tinari Greenhouses	PW-E 389 s S
Pink Girl*		AVS-48	R. G. Baxter	P 48 s S
Pink Glamour	904	6-25-57	Iva Mills	P 35 s S
Pink Ice	749	1-5-56	H. E. Niemann	LPX 36 s S
Pinkinnette	1884	11-18-68	E. Janosick	P 5 sf S
Pink Jade (See P. T. Pink Jade)				
Pink Jester	1598	3-14-66	Granger Gardens	P 239 d S
Pink Joy	864	2-20-57	Ulery's Greenhouse	DP 38 s L
Pink Lace (See Shangri-La Lace)				
Pink Leawala	1697	5-27-67	Tinari Greenhouse	PG-E 5 df S
Pink Linda (See Tinari's Pink Linda)				
Pink Love	1890	11-19-68	Kolb's Greenhouse	PXG-E 2 df S
Pink Lucile (See Crystal Pink Lucile)				
Pink Mademoiselle	1443	3-23-64	Madison Gardens	P 358 d S-M
Pink Margaret	825	10-6-56	Mrs. G. S. Vallin	P 28 s S
Pink Mayflower	1037	6-2-58	Priscilla A. Hutchens	P 458 d S
Pink Mayflower Supreme	1038	6-2-58	Priscilla A. Hutchens	P 4568 d S
Pink Melody	756	3-15-56	Lyndon Lyon	MP 8 s S-M
Pink Miracle	883	3-2-57	Fischer Greenhouses	PX 8 s L
Pink Passion (See Granger Gardens' Pink Passion)				
Pink Philly	1920	1-6-69	Tinari's Greenhouse	D-P 29 s S
Pink Pipedream	1825	2-21-68	Mrs. J. B. Griffiths	D-P-RX 259 df S
Pink Playboy	826	10-6-56	Mrs. G. S. Vallin	P 2 s L
Pink Polka Dot	1444	3-23-64	Madison Gardens	PX 358 d S
Pink Popcorn	759	3-24-56	Priscilla A. Hutchens	P 38 d S
Pink Pride	1098	1-17-59	Mrs. Leah F. Paul	MP 89 df S
Pink Profile	1252	9-21-61	Tinari Greenhouses	PG-E 5 df S
Pink Proliffity	1975	7-26-69	Dates Violetry	L-PX 23 d S
Pink Purri	1640	8-31-66	Helen Van Zele	WRC 56 df S
Pink Quadrille	816	10-6-56	Violet Treasure House	DP 4 d L
Pink Ribbons	1273	8-16-61	Champion's African Violets	LPX 72 s S
Pink Riot	1190	9-22-60	West's Greenhouses	P 8 d L
Pink Sequins (See Fisher's Pink Sequins)				
Pink Shimmer	1644	9-8-66	Lyndon Lyon	DPG-E 58 dfc S
Pink Sombrero	1061	8-8-58	Tinari Greenhouses	P 3 d S
Pink Sundae	1947	6-27-69	E. Janosick	P 2 d S
Pink Tally-Ho	814	10-6-56	Violet Treasure House	P 8 d L
Pink Tom Boy	1156	11-23-59	Madison Gardens	MP 35 d S-M
Pink Treasure (See Kuhls' Pink Treasure)				
Pink Twist	838	12-5-56	Select Violet House	MP 8 d S-M
Pink Valentine	1818	2-16-68	Volkman Bros.	M-P 29 d L
Pink Valentine (See Bud's Pink Valentine)				
Pink Victoria	865	2-20-57	Ulery's Greenhouses	P 3 d S
Pink Wasp	1497	11-30-64	Dates Violetry	PX 35 sf S
Pink Waverly	887	4-16-57	Clarissa Harris	D-P 5 sf L
Pink Wing	1787	11-15-67	Granger Gardens	D-P 239 s S
Pixie (See DeLeon Pixie)				
Pizzaz	1645	9-8-66	Lyndon Lyon	L-R 8 dc S
Plum Pretty	785	6-26-56	Mrs. Robert Bruce	R 38 d L
Plum Tip	1468	7-24-64	Lyndon Lyon	LORC 38 sc S
Pocahontas	1451	4-23-64	Dr. T. B. McKneely	M-P 38 s L
Poinciano	1532	7-30-65	Granger Gardens	PR-E 2 sc S
Polaris	1200	2-21-61	Wilson Bros.	DVWE 9 d L
Pom Pom	1469	7-24-64	Lyndon Lyon	R-OW-E 678 dc S
Pony Boy (See Shawnee Pony Boy)				
Pop Art	2029	11-20-69	J. S. Shaw	OVC 8 d S
Posy (See DeLeon Posy)				
Posy Pink	1740	9-30-67	Champion's African Violets	LP 237 d S
Prelude	770	5-24-56	Alta H. Schmelling	LP 8 df S
Premier	1472	9-14-64	Bob Kramer	LOX 35 d L
Pretty Imp	1948	6-27-69	E. Janosick	P 2 d S
Pretty Proud (See Richter's Pretty Proud)				
Prevue	1599	3-14-66	Granger Gardens	DPX 5 df I
Pride (See Dot's Pride)				
Pride'n Joy	778	5-28-56	Mrs. J. V. McKillip, Sr.	OB 359 d L
Pride of Rochester (See Granger Gardens' Pride of Rochester)				
Pride of St. Louis	1560	10-30-65	Bob Kramer	WBC 359 df S
Prince (See Shangri-La Prince)				
Princess (See Shangri-La Princess)				
Princess (See Southern Princess)				
Princess Peggy	1192	12-10-60	Lillian K. Gander	R 6 s L
Prom Queen	1533	7-30-65	Granger Gardens	MBW-E 2 s S

P. T. SERIES

Artica	1099	1-25-59	Edena Gardens	W 6 d S
Beautiful Cloud	964	11-30-57	Edena Gardens	RPX 8 d S
Burma Ruby	965	11-30-57	Edena Gardens	DR 38 s S
Crown Jewel	1100	1-24-59	Edena Gardens	LBOX 38 df L
Dawn	1067	9-18-58	Edena Gardens	LB 4 d M
Eugenia	1101	1-25-59	Edena Gardens	P 4 s L
Friendship	1583	12-1-65	Pearl Thomas	P 8 d S
Frou-Frou	1068	9-18-58	Edena Gardens	W 2 d L
Happy Mood	1102	1-24-59	Edena Gardens	DBV 46 sf S
Irish Colleene	1428	1-16-64	Edena Gardens	RG-E 8 df S
Lasso	1103	1-24-59	Edena Gardens	P 4 df S-M
Lorea	1123	3-7-59	Edena Gardens	OP 38 d S
Marvella	1174	5-22-60	Edena Gardens	BV 38 d L
Miramar	966	11-30-57	Edena Gardens	O 5 d L
Omar Rose	1104	1-24-59	Edena Gardens	ROX 93 d L
Pacifica	967	11-30-57	Edena Gardens	LB 6 d S
Pierrot	968	11-30-57	Edena Gardens	BWC 45 s M
Pink Jade	1202	3-6-61	Edena Gardens	PWGC 83 d S
Stardust	1069	9-18-58	Edena Gardens	BWG-E 59 s S
Whimsy	969	11-30-57	Edena Gardens	PX 8 s S
Whinsome	1124	3-7-59	Edena Gardens	ROX 48 s L
Punch	1966	7-18-69	Della Bledsoe	OX 59 s S-M
Punchinello	1662	11-30-66	Ernest Fisher	L-OX 23 dc L
Pure Innocence	1788	11-15-67	Granger Gardens	W 35 df S
Purple Cluster	1761	11-7-67	Gordon R. Coon	OVC 35 d S
Purple Falcon	1327	11-21-62	Granger Gardens	VG-E 593 s S
Purple Honey	1120	2-24-59	Mrs. Geo. S. Vallin	VG-E 359 df S
Purple Hue	1773	11-13-67	Mrs. Elmer Kramer	MXV 39 d L
Purple Popcorn	1700	6-19-67	Mrs. H. G. Cook	V 579 d L
Purple Princess (See Granger Gardnes' Purple Princess)				
Purple Rajah	888	4-5-57	Bert S. Rosenbaum	V 38 d L
Purple Robe	1315	11-9-62	Kolb's Greenhouses	V 5 sf L
Purple Smoke	1859	5-31-68	Champion's African Violets	VX 237 d L
Purple Zig Zag	1602	3-3-66	Madison Garden's	DVY-E 358 d S

Q

Q. T. Explorer	1266	2-27-62	Quality Violet House	DV 538 d L
Queen (See Shangri-La Queen)				
Queen (See Caravan Queen)				
Queenaire	1281	7-15-62	Mrs. Lee D. Monroe	V 35 d S
Queen Anne (See Aurora's Queen Anne)				
Queen's Cushion	2853	2-20-57	Ulery's Greenhouses	RV 3 d S
Queen's Tiara	1603	3-3-66	Madison Garden's	RW-E 3 d S
Queen Victoria	799	8-24-56	Mrs. A. C. Hasenyager	LB 589 sf L
Quelques Fleurs	789	6-20-56	Helen Morgan	VX 5 s L
Quick Silver	1629	8-13-66	Victor Constantinov	WGE 5 df L
Quiet Waters (See Richter's Quiet Waters)				

R

Rabbit Ears	1319	11-20-62	Tinari Greenhouses	OX 83 s S
Racy Red	1184	9-12-60	Lyndon Lyon	R 38 sc S-M
Radiance	2022	11-14-69	Granger Greenhouse	R-VWE 239 s-d S
Rage	1962	7-10-69	V. Constantinov	R 2 d L
Rainbow Doll	771	4-4-56	Mrs. Ray Rivenburg	WPC 34 d S-M
Rancho-D	1869	9-27-68	Charles Deder	O 23 d L
Raspberry Beauty	1491	11-25-64	Earl T. Kolb	ROX 5 df S
Raspberry Pink	991	3-10-58	Lyndon Lyon	DPX 38 d S
Raspberry Revel	1108	1-29-59	Everglad Violet House	R 389 d S
Raspberry Sherbet	1157	11-27-59	Madison Gardens	OVC 358 d S-M
Razzle Dazzle	1286	7-24-62	Annalee Violetry	DPBC 4578 d S
Rebel (See Richter's Rebel)				
Red Buttons	775	4-28-56	Mrs. J. W. Hart	RX 38 s S
Red Coat	1534	7-30-65	Granger Gardens	R 29 s S
Red Crown (See Richter's Red Crown)				
Red Feather (See Shawnee Red Feather)				
Red Glow	910	8-14-57	Tinari Greenhouses	RX 38 s S-M
Redhead*		AVS-48	Merkel & Sons	R 38 s S
Red Honey	1551	9-13-65	Lyndon Lyon	RPX 2 d S
Redland*		AVS-48	V. S. Starr	RX 38 s S
Red Melody	1312	11-9-62	Kolb's Greenhouses	R 8 d S
Red Queen (See Westwind's Red Queen)				
Red Raider	899	6-10-57	Frankson Flower Farm	RX 38 s S

Red Rich	1500	2-10-65	Ernest Fisher	R-P 23 d S-M
Red Roses	1604	3-3-66	Madison Gardens	DP 38 d S
Red Sunset	1322	11-20-62	Tinari Greenhouses	RW-E 8 s S-M
Red Topper	1663	11-30-66	Ernest Fisher	L-R 23 s-dc L
Red Wing (See Ulery's Red Wing)				
Remark (See Bob's Remark)				
Remembrance	1981	8-8-69	Kolb's Greenhouses	P 3 d S
Renaissance	1052	7-20-58	Madison Gardens	BWC 3568 d S-M
Renee	946	11-16-57	Richter's Greenhouse	MB 4 d S
Rene Edmundson	1390	8-5-63	Granger Gardens	BX 39 d S
Reney's Ruffles	1410	11-21-63	Rose Knoll Gardens	DPG-E 359 df S
Rhinestone	1741	9-30-67	Champion's African Violets	DPX 27 dc S
RICHTER'S SERIES				
Alabaster	1135	8-23-59	Richter's Greenhouse	WGC 38 d S
Candy Lace	1136	8-23-59	Richter's Greenhouse	WPGC 5 sf S
Carmelita	1298	9-25-62	Richter's Greenhouse	DP 5 d S
Charm Song	1137	8-19-59	Richter's Greenhouse	LB 8 d S
Cheerleader	1606	3-30-66	Richter's Greenhouse	DP 3 d L
Clearwater	1474	10-5-64	Richter's Greenhouse	LP 8 d S
Confection	1299	9-25-62	Richter's Greenhouse	LPG-E 583 df S
Cranberry	1719	9-6-67	Richter's Greenhouse	MR 38 d S
Diamond Lil	1297	9-25-62	Richter's Greenhouse	MPX 83 d S
Green Dawn	1138	8-23-59	Richter's Greenhouse	PG-E 5 d S
Gumdrop	1241	5-14-61	Richter's Greenhouse	P 52 d S
Highland Bu	1414	11-25-63	Richter's Greenhouse	WRC 38 d S
Indiana Doll	1179	9-1-60	Richter's Greenhouse	PGC 82 d S
Irish Crochet	1720	9-6-67	Richter's Greenhouse	PG-E 358 d S
La Femme	1242	5-14-61	Richter's Greenhouse	DP 52 d S
Mistletoe	1139	8-23-59	Richter's Greenhouse	W 38 sf S
Nightshade	1240	5-14-61	Richter's Greenhouse	DB 82 d S
Pearly Shells	1607	3-30-66	Richter's Greenhouse	MP 38 d L
Pretty Proud	1608	3-30-66	Richter's Greenhouse	MPX 38 d S
Quiet Waters	1721	9-6-67	Richter's Greenhouse	B 38 d S
Rebel	1296	9-25-62	Richter's Greenhouse	DBV 83 d S
Red Crown	1180	9-1-60	Richter's Greenhouse	R 83 d S
Snowberry	1722	9-6-67	Richter's Greenhouse	BWC 3 s-dc S
Stained Glass	1181	9-1-60	Richter's Greenhouse	WRC 853 sf S
Wedgewood	1140	8-23-59	Richter's Greenhouse	LB 5 d S
Whipped Cream	1415	11-25-63	Richter's Greenhouse	W 58 d S
Ripple (See Pilgrim Ripple)				
Rippling Rhythm	852	1-30-57	Lutie Dunlap	DO 358 d S
Rippling Taffeta	1586	1-21-66	Mrs. J. L. Ricker	V 25 s L
Riviere Bleue	1903	11-27-68	R. J. Taylor	BW-E 25 dc L
Rock 'n Roll	902	6-25-57	Margaret Berggren	V 5 sf S
Roman Rose	1375	6-24-63	Frank Tinari	DPW-E 3 d S
Rosalinda (See Granger Gardens' Rosalinda)				
Rose Crest	1789	11-15-67	Granger Gardens	WR-E 35 df S
Rose Glow	881	2-1-57	Ulery's Greenhouses	DP 389 s S
Rose Knoll Pacemaker	1753	10-25-67	Rose Knoll Gardens	BW-E 29 s-d S
Rose of Tibet	1197	2-14-61	John T. Buckner	MPGE 9 d S
Roses's Amethyst	1900	11-21-68	Mrs. M. Progebin	MOX 356 d L
Rose Wing (See Granger Gardens' Rose Wing)				
Rosy Morn	1372	6-24-63	Frank Tinari	DP 3 d S
Roundelay (See Kuhls' Roundelay)				
Round Robin	1159	1-20-60	Ruth M. Sabiers	DP 38 d S
Royalaire	2023	11-14-69	Granger Greenhouses	DBWE 23 dc S
Royal Blue Hue	1812	2-3-68	Violet Frathel	RW-E 2 df S
Royal Flush	1992	9-13-69	Mrs. Charles S. Hawley	R-V 239 s-d L
Royal Cluster	1996	10-1-69	E. Fisher	LOX 23 s-d S
Royal Glory	779	5-30-56	Mrs. Chester H. Graham	MB 38 d L
Royalist	1492	11-25-64	Earl T. Kolb	B 35 sf S
Royal Mountbattan	1976	7-26-69	Dates Violetry	B-V 358 d S
Royal Nocturne (See Granger Gardens' Royal Nocturne)				
Roy Kersey	1652	10-12-66	Tinari Greenhouse	VW-E 3 d S
Ruby Glow	1600	3-14-66	Granger Gardens	RP 29 dc S
Ruffled Bi	840	12-5-56	Select Violet House	BWC 68 sf S
Ruffled Geneva	887	2-1-57	Ulery's Greenhouses	BW-E 35 sf S
Ruffled Rose Dust	1194	1-5-61	Mrs. E. Rodda	D-P 853 sf L
Ruffles*		AVS-48	Mrs. Elsie Freed	LBV 39 s S
Ruffles (See Reny's Ruffles)				
Ruth Carey	1917	12-4-68	Tinari Greenhouses	PX 35 s-df S

S

Sabre Dancer (See Shangri-La Sabre Dancer)				
Sabrina	1872	10-5-68	Dates Violetry	VX 3 s S

Sailor Boy*		AVS-48	Armcast & Royston	LB 3 s S
Sailor's Sweetheart	804	9-1-56	Madison Gardens	LB 5843 d S-M
Sally Sargent	1839	4-29-68	Olivia DoPaco	D-R 39 dc S
Sally's Doll	857	2-7-57	Mrs. Armin C. Hofsommer	RO 483 d S
Samoa	1646	9-8-66	Lyndon Lyon	VPC 8 sc S
Santa Maria (See Granger Gardens' Santa Maria)				
Sapphire*		AVS-48	W. D. Holley	DV 8 s S
Satellite Frills	1891	11-19-68	Kolb's Greenhouse	OX 2 s-dc S
Satellite Peach	1892	11-19-68	Kolb's Greenhouse	L-PX 2 s-dc S
Satellite Pink	1998	10-24-69	Kolb's Greenhouse	PRE 2 s-d S
Satellite Red	1893	11-19-68	Kolb's Greenhouse	R-PX 2 s-dc S
Satellite Shadows	1894	11-19-68	Kolb's Greenhouse	OX 2 sc S
Savannah Sweetheart (See Granger Gardens' Savannah Sweetheart)				
Scandal	822	10-6-56	Mrs. G. S. Vallin	D-BW-E 5 s L
Seafoam	2024	11-14-69	Granger Greenhouse	MBWE 35 sf S
September Song (See Granger Gardens' September Song)				
Setauket Belle	1043	7-15-58	Mrs. Culver Davis	LO 95 df S
Seven-Up	1774	11-13-67	Mrs. Elmer Kramer	W or WOG-E 35 s S-M
Seven Veils	824	10-6-56	Mrs. G. S. Vallin	RVX 5 s L
Shadows	1546	8-26-65	Mrs. Ralph Watts	DRX 23 d S
Shag (See Granger Gardens' Shag)				
SHANGRI-LA SERIES				
Angel Song	1307	10-22-62	Bob Neprash Nursery	MP 591 d L
Angel Wings	1309	10-22-62	Bob Neprash Nursery	P 58 d L
Cupid's Dart	1306	10-22-62	Bob Neprash Nursery	DP 591 d L
Dream	1257	10-2-61	Bob Neprash Nursery	DP 5 d L
Enchantment	1380	7-20-63	Bob Neprash Nursery	DP 2 d L
Moonglow	1381	7-20-63	Bob Neprash Nursery	BG-E 5 sf S
My Bob	1404	11-18-63	Bob Neprash Nursery	BWC 2 d L
My Clara	1258	10-2-61	Bob Neprash Nursery	MP 8 d S
Peace	1405	11-18-63	Bob Neprash Nursery	W 39 d S
Pink Lace	1406	11-18-63	Bob Neprash Nursery	DP 5 df L
Prince	1256	10-2-61	Bob Neprash Nursery	DB 93 d L
Princess	1382	7-20-63	Bob Neprash Nursery	P 5 df L
Queen	1259	10-2-61	Bob Neprash Nursery	MB 149 d S
Saber Dancer	1308	10-22-62	Bob Neprash Nursery	DB 91 d L
SHAWNEE SERIES				
Blue Feather	1237	5-17-61	Susannah Smith	B 4536 s L
Chief	1236	5-17-61	Susannah Smith	DV 6543 sf L
Pony Boy	1239	5-17-61	Susannah Smith	DP 5936 sf L
Red Feather	1238	5-17-61	Susannah Smith	RO 5936 sf L
Sheba	1717	7-31-67	Mrs. L. E. Trokovich	D-B 3789 s L
Shell Pink	1923	1-9-69	J. S. Shaw	L-P 39 df S
Shells Of Pearl	1850	5-10-68	V. Constantinov	P 2 s L
Sherry	1445	3-23-64	Madison Gardens	DPX 358 d S-M
Sherry Queen	1806	12-1-67	Madison Gardens	PX 358 d S
Shiela	1775	11-13-67	Mrs. Elmer Kramer	WPCG-E 35 df L
Showboat	1280	6-19-62	Mrs. Elmer Kramer	WRC 59 df L
Shower of Stars	1630	8-13-66	Victor Constantinov	M-P 35 s-d fc L
Showoff	1203	3-12-61	Helen Coleman	DB 5 sf L
Show Star	774	4-17-56	Henry Ten Hagen	PBC 38 s S
Sierra Giant	1332	11-21-62	Granger Gardens	VW-E 83 d S
Signora Santa	1669	2-10-67	Mrs. Concetta J. Grasso	LRX 357 dc S
Silver Anniversary	1204	3-12-61	Helen Coleman	RW-E 159 sf L
Silver Cameo	1860	5-31-68	Champion's African Violets	L-P 237 d S
Silver Carnival	1247	8-15-61	Champion's African Violets	DBWC 759 sf S
Silver Champion	1742	9-30-67	Champion's African Violets	DPX 279 dc L
Silver Crest	1161	3-4-60	Mrs. Duane L. Champion	WBC 7538 df S
Silver Crown	1657	11-19-66	Champion's African Violets	PX 237 dc L
Silver Dust	1743	9-30-67	Champion's African Violets	LBW-E 27 d S
Silver Field	1142	9-8-59	Carolyn K. Rector	WBC 83 d S
Silver Flute	833	11-8-56	Mrs. Duane L. Champion	WBC 587 s S
Silver Pinafore	1658	11-19-66	Champion's African Violets	L-PX 237 dfc L
Silver Shadows	1316	11-9-62	Kolb's Greenhouses	WX 5 df L
Silver Threads	1248	8-25-61	Champion's African Violets	WB-E 753 d S
Silver Waves	979	12-23-57	Mrs. Elmer Larkin	W 593 sf S
Sing Along	1885	11-18-68	E. Janosick	L-OX 2 d L
Singing Surf	1647	9-8-66	Lyndon Lyon	W 5 dc S
Sir Anthony	1290	9-6-62	Mrs. L. Clyde Williams	WVC 93 d S
Skies (See Oceanside Skies)				
Sky Blue*		AVS-48	Merkel & Sons	LB 5983 s S
Sky Blue Pink	1932	5-5-69	Polly Marek	L-OX 238 d S-M
Sky Blue Princess	1053	7-20-58	Madison Gardens	MB 58 d M
Skylark (See Champion's Skylark)				
Skyline	1292	9-10-62	Mrs. Elmer Kramer	LBW-E 3 s L
Skyway	1116	2-5-59	E. E. Hammond	MB 8 s L

Skywayman	1143	9-8-59	Carolyn K. Rector	LB 8 d S
Sleeping Beauty	1054	7-20-58	Madison Gardens	DOWC 8 d S
Sno Bird (See Naomi's Sno Bird)				
Snow Ballet (See Granger Gardens' Snow Ballet)				
Snowberry (See Richter's Snowberry)				
Snow Fall (See Granger Gardens' Snow Fall)				
Snow Finch	962	11-29-57	Behnke Nurseries	WVC 3458 s S
Snow Peak	935	9-6-57	Mrs. Vernon J. Pease	W 78 s S
Snow Spun	1790	11-15-67	Granger Gardens	W 35 d S
Snowy Smile (See Kuhl's Snowy Smile)				
Snowy Princess	880	2-1-57	Ulery's Greenhouse	ROX 837 s S
Softique	1957	7-19-69	Richter's Greenhouse	L-P 358 d S
Soft White	1605	3-3-66	Madison Garden's	W 3568 d S
Sonja	963	11-25-57	Behnke Nurseries	DPVC 89 s L
So Sweet	973	12-11-57	Select Violet House	PWC 5 df S
SOUTHERN SERIES				
Coquette	1091	12-15-58	Mrs. T. C. Fritz	WOC 53 sf L
Pink Princess	1089	10-31-58	Mrs. T. C. Fritz	MP 43 d S
Sweetheart	1207	3-24-61	Mrs. T. C. Fritz	WOC 53 sf S
Southern Cross	1926	1-13-69	Dr. S. Crawcour	POX 356 sc S-M
Span	992	3-10-58	Lyndon Lyon	MP 83 dc S
Spanish Lace	870	2-1-57	Ulery's Greenhouse	RV 536 sf L
Sparkler	1688	5-26-67	Mrs. Elmer Kramer	OX 39 dc L
Sparkling Gold	1055	7-20-58	Madison Gardens	RY-E 56 sf S-M
Sparkling Mauve	1673	2-23-67	Mrs. Elmer Kramer	OVC 359 sf L
Sparkling Waters	807	9-1-56	Madison Gardens	VBC 593 s S
Special One	1231	5-8-61	H. C. Parker	BWC 683 d S
Spic	993	3-10-58	Lyndon Lyon	MB 83 dc S
Spindrift	793	8-5-56	Richter's Greenhouse	DP 83 s S
Spinning Wheel	1618	7-18-66	Champion's African Violets	DPX 237 d L
Spirit of '76	1921	1-6-69	Tinari Greenhouse	R-P 3 s-d S
Spitfire	1698	5-27-67	Tinari Greenhouses	P 5 sfc S-M
Spoontick	1498	11-30-64	Dates Violetry	RP 8 sf S-M
Spring Dance	1182	11-11-68	Mrs. E. Kramer	OPC 39 sfc S
Spring Song	952	10-27-57	Everglad Violet House	BWC 98 s S
Springtime (See Kaw Valley Springtime)				
Springtime (See Pilgrim Springtime)				
Spun Velvet (See Granger Gardens Spun Velvet)				
Stained Glass (See Richter's Stained Glass)				
Standing Ovation	1813	2-3-68	V. Frathel	D-P 278 d L
Star Dust	1056	7-20-58	Madison Gardens	LO 583 sf S-M
Stardust (See P. T. Stardust)				
Star Gazer	1496	11-30-64	Tinari Greenhouses	BWC 9 d S
Star of Eve	1876	10-24-68	E. Fisher	O 238 sc L
Star Pink	994	3-10-58	Lyndon Lyon	D-P 83 sc S-M
Starry Eyed	1791	11-15-67	Granger Gardens	WRC 239 s-d S
Starstruck	1371	6-24-63	Frank Tinari	DVW-E 5 sc S
Startling	1305	10-19-62	Lyndon Lyon	OBC 9 dc S
State Line	1851	5-10-68	V. Constantinov	WP-E 2 s S
Stateliner	1895	11-19-68	Kolb's Greenhouse	PX 2 s-dc S
Statuette	1057	7-20-58	Madison Gardens	D-B 56 s S-M
Storm Girl (See Kaw Valley Storm Girl)				
Stowe	1832	4-1-68	Rose Thomas	P 2 d S
Stranger	1036	4-16-58	Kahler Garden	WBC 58 sf L
Strawberry Frosting (See Westwinds Strawberry Frosting)				
Strawberry Sherbet (See Bergen Strawberry Sherbet)				
Strawberry Shortcake	1509	4-19-65	R. J. Taylor	R-P 38 d L
Strike Me Pink (See Bud's Strike Me Pink)				
Suddenly	1378	6-24-63	Frank Tinari	OXW-E 3 s S
Sugar Blue	1836	4-7-68	Tinari Greenhouse	M-BW-E 2 s S
Sugar Ice	1768	11-11-67	Ernest Fisher	R-PW-E 35 sfc S
Sugar Pink	1730	9-6-67	Lyndon Lyon	PWC 57 dfc S
Sugar Plum Fairy	1385	8-5-63	Granger Gardens	DPG-E 59 d S
Sultan (See Caravan Sultan)				
Sunday	1819	2-16-68	Volkman Bros	M-O 29 d L
Susan	1762	11-7-67	Gordon R. Coon	OX 359 d S
Susan Leslie	1877	10-24-68	E. Fisher	R-P 23 d L
Sunset Glo	1130	5-29-59	Edith E. Waller	LP 43 d S
Super Chief	1852	5-10-68	V. Constantinov	RX 2 d S
Supremacy	1965	7-15-69	Mrs. C. M. Harris	P 578 d L
Surfside	1476	10-10-64	Ethel W. Champion	D-B 37 d L
Susan Sweet	1821	2-17-68	Mrs. H. G. Cook	P 37 d S
Swan Lake	1685	4-30-67	Annalee	WGC 359 df L
Sweepstakes	1674	2-23-67	Mrs. Elmer Kramer	VW-E 39 dfc L
Sweet Butterfly	1867	9-9-68	Lyndon Lyon	W 3 dc S

Sweet Charlotte	1853	5-10-68	V. Constantinov	PRC 5 sf S
Sweet Clover	1063	8-12-58	Mrs. D. L. Champion	DP 983 d L
Sweetest Blue	1535	7-30-65	Granger Gardens	LB 2 d S
Sweetheart (See Southern Sweetheart)				
Sweetheart Blue (See Granger Gardens' Sweetheart Blue)				
Sweet Leilani (See Tinari's Sweet Leilani)				
Sweet One	1820	2-16-68	Volkman Bros.	M-O 29 d L
Sweet Pammy Bruce	1260	10-26-61	Mrs. W. Keith Myers	DP 932 d S
Sweetpea Pink	855	2-1-57	Bill Smithson	DP 4 d M
Sweet Pea Red Girl (See Kuhl's Sweet Pea Red Girl)				
Sweet Refrain	998	3-10-58	Behnke Nurseries	DPX 36 d S
Sweet Song	980	12-16-57	Mrs. Elmer Lakin	LP 93 d S
Swiss Pansy	953	10-27-57	Everglad Violet House	WBC 98 s S
Switzerland Sunset	1208	4-24-61	Mrs. Irvin R. Furnish	DP 36 89 s L
Sylvia Ann	1291	9-6-62	Mrs. L. Clyde Williams	PRC 93 d S
Symphony (See Niagara Symphony)				

T

Tall Tales	1302	10-19-62	Lyndon Lyon	PVC 8 sc S
Tammie Rae	763	3-18-56	Mrs. Elmer Lakin	P 45 s S
Tammy	1293	9-11-62	Select Violet House	DPGC 5 sf S
Tanforan	1627	8-13-66	Victor Constantinov	DR 5 df S
Tattered Pink	1313	11-9-62	Kolb's Greenhouses	PX 5 sf S
Tennessee Beauty	1090	10-31-58	Mrs. T. C. Fritz	MB 32 d L
Tennessee Pink	1024	5-1-58	Mrs. Sam O. Nichols	DP 38 s S
Tapestry (See Pilgrim Tapestry)				
"Teresa Marie"	1622	8-8-66	Mrs. Elizabeth Kling	V 239 s S
Terrylin	1574	11-19-65	Mrs. R. Watts	V 39 d S
Texas Blue Treasure	1906	11-27-68	Mrs. H. G. Cook	B 37 d L
Texas Bouquet	1368	6-13-63	W. H. Volkmann	DPX 3 d S
Texas Picture	1585	12-20-65	Mrs. O. G. Pierson	LP 9 s-d L
Texas Pride	1822	2-17-68	Mrs. H. G. Cook	W 3 d S
Texas Star	1829	3-25-68		P-ORC 2 sc S
That's My Baby	1609	4-9-66	Mrs. H. N. Tuveson	OVC 26 s S
The Californian	1419	11-30-63	Victor Constantinov	PG-E 5 df L
Thelma Jean	1763	11-7-67	Gordon R. Coon	R or PWS 29 df S-M
Thelma Usinger	1950	7-1-69	Dates Violetry	P 23 d S
Theresa Moeller	1329	11-21-62	Granger Gardens	MPX 43 d S
Thesis Red	1493	11-25-64	Earl T. Kolb	R 5 sf S
Thrills	1653	11-14-66	Mrs. W. J. Ritmanich	LOX 357 df S
Thunderhead (See Granger Gardens' Thunderhead)				
Tiana	947	11-16-57	Richter's Greenhouses	RO 4 d S
Tillie	995	3-10-58	Lyndon Lyon	MOX 38 sc S
Timberline	1796	11-27-67	Mrs. P. W. Kiesling	MBW-E 238 s S
Timbertop	1559	10-11-65	Dr. Sydney Crawcour	MB 56 d S
Timbuc-Tutie	1283	6-28-62	Hope Ireland	WBC 53 s L
Tim Tam	1189	9-22-60	West's Greenhouses	P 32 d S
TINARI'S SERIES				
Pink Linda	1459	7-13-64	Tinari Greenhouses	DP 38 d L
Sweet Leilani	1251	9-21-61	Tinari Greenhouses	BWC 9 df S
Pink Twist	1321	11-20-62	Tinari Greenhouses	P 5 df S
Tinted Lady*		AVS-48		LB 358 s L
Tinted Star	769	4-13-56	Mrs. Chauncey Olson	LOX 38 s S
Tiny Fantasy	1987	8-29-69	Lyndon Lyon	D-OBC 28 dc M
Tiny Pink	1648	9-8-66	Lyndon Lyon	P 9 dc M
Tiny Rose	1552	9-13-65	Lyndon Lyon	MP 9 dc M
Tommie Lou	1744	10-25-67	Mrs. G. B. Oden	WO 237 d L
Topaz*		AVS-48	W. D. Holley	DBV 38 s L
Top Knot	1686	5-23-67	Fedderson A. V.	O 23 d L
Top Sail (See Granger Gardens' Top Sail)				
Torchy	948	11-16-57	Richter's Greenhouse	RP 8 s S
Touch Me Not (See Grangers' Touch Me Not)				
Touch of Spring	1967	7-23-69	Mrs. H. Juline	WG-E 359 df S
Tralie Rose (See Kuhls' Tralie Rose)				
Tranquility	1145	11-24-59	Mildred S. W. Downes	W 3489 d S
Transylvania Cabaret Girl	802	8-22-56	Mrs. John Buynak	DV 48 s S-M
Traveler's Sunset Strip	1132	6-23-59	Select Violet House	R 29 s S-M
Treasure (See Persian Treasure)				
Tressie	951	11-17-57	Pauline Kuntz	D-B 3456 s S
Trecia	1807	12-1-67	Madison Gardens	D-V 38 d S
Tricksy Blue	1988	8-29-69	Lyndon Lyon	L-B 28 s-dc S-M
Trifari (See Ulery's Trifari)				
Tri-Lavender	1837	4-10-68	Mrs. A. Grasso	OX 3578 s-df S
Triple Threat	1989	8-29-69	Lyndon Lyon	M-P 5 dc S

Violet Frathel

Top -- Queen O'Pink

Bottom -- Glorious Maria



TRIPLE THREAT

Lyndon Lyon



(Photo by Burton)



EVELETH

by Richter

Tropical Dawn	1776	11-14-67	Mrs. Elmer Kramer	D-BWC 57 df L
Tropical Twilight	1279	6-19-62	Mrs. Elmer Kramer	WVC 695 df L
True Story	1677	3-10-67	Mrs. H. R. Stine	MPX 2 s L
Tucson	1854	5-10-68	V. Constantinov	R 5 s-dc S
Turtle Dove	1565	11-1-65	West Greenhouse	B 56 d L
Tu Tu	1939	6-19-69	E. Fisher	LOWC 2 s L
T-V SERIES				
Flirty Eyes	823	10-6-56	Violet Treasure House	OWC 5 s S
Pink Margaret	825	10-6-56	Violet Treasure House	P 28 s S
Pink Playboy	826	10-6-56	Violet Treasure House	P 2 s L
Scandal	822	10-6-56	Violet Treasure House	D-BW-E 5 s L
Seven Veils	824	10-6-56	Violet Treasure House	RVX 5 s S
Vallin Pink	820	10-3-56	Violet Treasure House	D-PG-E 58 sf L
Whispers	821	10-6-56	Violet Treasure House	WBC 5 df L
Twilight (See Westwinds Twilight)				
Twilight Zone	1628	8-13-66	Victor Constantinov	P-R 35 sf S
Twin Lakes	1650	10-3-66	Mrs. Sadie Withrow	M-B 3 sf L
Twin Lakes Frills	1651	10-3-66	Mrs. Sadie Withrow	WBC 35 sf S
U				
U. C. Mabel Hudson	1504	3-22-65	Mrs. G. B. Hudson	R 29 s S
ULERY'S SERIES				
Double Orchid Sunset	427		Ulery's Greenhouses	No Information
Red Wing	871	2-1-57	Ulery's Greenhouses	D-R 93 s S
Trifari	1234	5-9-61	Ulery's Greenhouses	D-P 593 d S
V				
Vacation	1318	11-13-62	Mrs. Byrdena Woodley	LBG-E 583 df S
Valley Sweetheart	1233	5-8-61	H. C. Parker	RX 38 d S
Vallinpink (See T-V Vallinpink)				
Valor	794	8-5-56	Richter's Greenhouse	DRV 83 s S
Vanguard	1065	9-8-58	Beatrice H. Mills	DB 583 df S
Vanity Fair	949	11-16-57	Richter's Greenhouses	MPX 8 s S
Variegated Peak of Pink	1904	11-27-68	Cerri Flowers	M-P 27 s-dc S
Velva	1042	7-18-58	Mrs. V. C. Stitely	MB 458 s M
Velvet (See Westdale Velvet)				
Velveta	1588	1-27-66	Frank Tinari	DV 5 s S
Velveteen	1516	6-11-65	Champion's African Violets	DV 357 df S
Velvet Puff (See Hinkleys' Velvet Puff)				
Velvet Tempest	1331	11-21-62	Granger Gardens	R-P 58 s S
Venus	1913	11-29-68	Hi Hill	OX 8 dc S
Victor Lee	654 (No information)			
Victorian Pink	1355	5-28-63	Champion's African Violets	DPX 278 d L
Vigor (See American Vigor)				
Viking	655	AVS-48	Armcast & Royston	DBV 83 s S
Villager (See Pilgrim Villager)				
Vallin Pink	820	10-3-56	Violet Treasure House	D-P G-E 58 sf L
Violet N' Gold	1470	7-24-64	Lyndon Lyon	VYG-E 38 sfc S
Virginian	783	6-20-56	Helen Morgan	DV 3 d L
Virginia Star	660	6-17-58	Mrs. E. L. Perdue	MB 92 s L
Vivace	1163	3-5-60	Mary Near Frashuer	MB 9 d L
Vogue	1799	11-28-67	White Cloud Farm	M-LPX 23 d S
W				
Wagon Wheel	1310	11-9-62	Kolb's Greenhouse	WRC 8 d S
Wanderlust (See Kuhls' Wanderlust)				
Warm Welcome	882	2-8-57	Bess Bykeman	WOC 98 s S-M
Water Lily (See Champion's Water Lily)				
Wedding Belle	1158	11-27-59	Madison Gardens	W 358 df S-M
Wedding Gown	1422	12-12-63	White Cloud Farm	W 36 d S
Wedgewood (See Richter's Wedgewood)				
Welcome Stranger	941	9-12-57	Mrs. H. E. Pratt	DP 358 s S
Wells Fargo	1855	5-10-68	V. Constantinov	P-R 5 dc L
Wendy Sue	1878	10-24-68	E. Fisher	D-BW-E 23 dc L
Westdale Lavender Sparkle	1929	4-14-69	Mrs. I. Haseltine	RW-E 2 s S
Westdale Velvet	1930	4-14-69	Mrs. I. Haseltine	BW-E 2 s S
Western Sky (See Gold Rush Western Sky)				
Westward Ho	1334	11-23-62	Pearl & E. H. Thomas	DB 8 d L
WESTWINDS SERIES				
Cherie	1924	1-10-69	Westwinds AV	WOX 2 s-d S
Coral Frills	1614	5-28-66	Westwinds AV	L-PX 2 sc S
Dark Beauty	1615	5-28-66	West Winds AV	D-V 23 d S
Demure	1594	2-24-66	Westwinds AV	LPVGC 2 d S

Fantasy Pink	1505	4-2-65	Westwinds AV	PWE 9 s S
Frivolous Frills	1668	1-6-67	Westwinds AV	DV 29 sc S
Gay Divorcee	1510	7-27-65	Westwinds AV	DB 23 d S
Red Queen	1925	1-10-69	Westwinds AV	RW-E 59 sfc S
Strawberry Frosting	1518	7-27-65	Westwinds AV	DPWC 29 s-d S
Twilight	1506	4-2-65	Westwinds AV	MBWC 359 d S
Wham Bang	1899	11-21-68	Dates Violetry	M-R 5 df S
Whimsy (See P. T. Whimsy)				
Whipped Cream (See Richter's Whipped Cream)				
Whispers (See T-V Whispers)				
White Alice	1347	3-25-63	Mrs. Glen B. Hudson	WBC 58 sf S
White Angel	981	12-23-57	Mrs. Elmer Lakin	W 3 d S
White Bloomin Fool	1827	2-27-68	J. H. Rymer	W 39 d S
White Cloud Chief	1798	11-28-67	White Cloud Farm	DRX 5 df S
White Dove	1367	6-13-63	W. H. Volkmann	W 38 d S
White Dream	982	12-23-59	Mrs. Elmer Lakin	WPC 359 df S
White Goddess (See Granger Gardens' White Goddess)				
White Gold (See Granger Gardens' White Gold)				
White Jewel	1374	6-24-63	Frank Tinari	W 59 df S
White Lady*		AVS-48	Peter Ruggeri	W 8 s S
White Leawala	1699	5-27-67	Tinari Greenhouses	WG-E 5 df S
White Orchid (See Granger Gardens' White Orchid)				
White Peacock	1911	11-27-68	M. Lanigan	W 59 L
White Perfection	1471	7-24-64	Lyndon Lyon	W 8 dc S
White Pride	872	2-1-57	Ulery's Greenhouses	W 358 d L
White Pride Supreme	869	2-1-57	Ulery's Greenhouses	W 36 d S
White Puff	1096	1-9-59	Granger Gardens	W 53 d S
White Regent	2025	11-14-69	Granger Greenhouse	WOC 23 d S
White Roses	1446	3-23-64	Madison Gardens	W 358 d S
White Sail	801	8-28-56	Mrs. John Buynak	W 38 s S
Wild Cherry	805	9-1-56	Madison Gardens	D-PX 358 d S-M
Wildfire	1569	11-8-65	Champion's African Violets	PGE 359 df S
Wild Iris	1447	3-23-64	Madison Gardens	DOWC 358 s S-M
Wild Rosa Supreme	900	6-10-57	Frankson Flower Farm	P 36 d S-M
Wildwing	1898	11-27-68	Dates Violetry	WO-E 29 sf S
Wilson's Lovely Lady	971	11-30-57	Wilson Bros.	MP 8 d L
Wind & Sea (See Granger Gardens' Wind and Sea)				
Window Blue	1710	5-8-67	Dr. S. E. Reed	DB 29 d M
Window Bouquet	1711	5-8-67	Dr. S. E. Reed	DPWC 389 d S-M
Window Lace	1712	5-8-67	Dr. S. E. Reed	LOX 2 d S-M
Window Pink	1713	5-8-67	Dr. S. E. Reed	LP 29 d M
Window Wonder	1714	5-8-67	Dr. S. E. Reed	DV 29 d M
Wine and Roses	1856	5-10-68	V. Constantinov	RXG-E 5 dc S
Wine Bouquet	2039	11-29-69	V. Constantinov	R 23 d S
Winged Goddess	1511	4-2-65	Helen B. Kelley	BEW 39 df L
Winsome (See P. T. Winsome)				
Winsome	1664	11-30-66	Ernest Fisher	VW-E 23 dc S
Winston Churchill	1580	11-26-65	Ernest Fisher	V 2 d S
Winter Gold	1982	8-8-69	Kolb's Greenhouses	RXG-E 5 s-dc S
Wintergreen	878	2-1-57	Ulery's Greenhouse	BWC 783 d S
Wintry Rose	1111	1-29-59	Wilson Bros.	DOW-E 9 d S
Wisconsin Fleecy Cloud	1040	9-2-57	Mrs. O. F. Isenberg	LB 3 d S
Wrangler	1731	9-6-67	Lyndon Lyon	MR 2 dc S
Wunda	1070	9-18-58	Edena Gardens	W 85 df S
Wunderbar	1343	1-25-63	Ruth Kocinski	WBC 38 d S

Y

Yellow Fringe	1058	7-20-58	Madison Gardens	MPY-E 58 s M
Yerba Buena	1429	1-16-64	Edena Gardens	DR 38 s S
Yule (See Pilgrim Yule)				

Z

Zest of the West	1338	11-23-62	Pearle & E. H. Thomas	DB 5 s S
Zig Zag (See Purple Zig Zag)				
Zorro	1062	8-8-58	Tinari Greenhouses	DO 3 d L

AVSA is a thriving organization showing continual growth. Be active and interest others in AVSA memberships.

AVSA needs to continue to educate and to inform flower lovers of the benefits to be derived from membership in our international organization.

AFRICAN VIOLET (*Saintpaulia*) SPECIES

genus *Saintpaulia* H. Wendland in *Gartenflora*, xlii, 321, t. 1391 & Fig. 66

(1893)

<i>S. brevopilosa</i>	B. L. Burt	1964	<i>S. nitida</i>	B. L. Burt	1958
<i>S. confusa</i>	B. L. Burt	1958	<i>S. orbicularis</i>	B. L. Burt	1947
<i>S. difficilis</i>	B. L. Burt	1958	<i>S. orbicularis</i>		
<i>S. diplotricha</i>	B. L. Burt	1947	var. <i>purpurea</i>	B. L. Burt	1964
<i>S. goetzeana</i>	Engler	1900	<i>S. pendula</i>	B. L. Burt	1958
<i>S. grandifolia</i>	B. L. Burt	1958	<i>S. pendula</i>		
<i>S. grotei</i>	Engler	1921	var. <i>kizarae</i>	B. L. Burt	1964
<i>S. inconspicua</i>	B. L. Burt	1958	<i>S. pusilla</i>	Engler	1900
<i>S. intermedia</i>	B. L. Burt	1958	<i>S. rupicola</i>	B. L. Burt	1964
<i>S. ionantha</i>	H. Wendland	1893	<i>S. shumensis</i>	B. L. Burt	1955
<i>S. magungensis</i>	E. P. Roberts	1950	<i>S. teitensis</i>	B. L. Burt	1958
<i>S. magungensis</i>			<i>S. tongensis</i>	B. L. Burt	1947
var. <i>minima</i>	B. L. Burt	1964	<i>S. velutina</i>	B. L. Burt	1958
<i>S. magungensis</i>					
var. <i>occidentalis</i>	B. L. Burt				

Maude Cook Is Honored

"Maude Cook Day" was observed by the African Violet Society of Beaumont, Texas, and Mrs. H. G. Cook, well known hybridizer, was honored as club members paid tribute to her talent and ability in hybridizing and propagating African violets. It was pointed out that three of her hybridized plants were featured in the November African Violet Magazine in addition to an article written by Mrs. Cook on growing Show Plants.

The observance proved a delightful surprise to Mrs. Cook and followed a program, "Propagation My Favorite Way," under the direction of Mrs. O. H. Maschek, and held at Mrs. X. R. Randall's home.

In the picture Mrs. Cook is shown receiving the proclamation of "Maude Cook Day."

The proclamation read:

"Whereas, Maude Cook has been exceedingly successful in hybridizing and propagating African violets, and

"Whereas, three of Maude Cook's hybridized plants, in color, were pictured on a full page of the November 1969 issue of the African Violet Magazine, as well as featuring an article written by her in the same issue.

"NOW, THEREFORE, we, the undersigned, members of the African Violet Society of Beaumont, in recognition of the ability she has demonstrated in her field, and because of

the high esteem in which she is held, do hereby proclaim this as "Maude Cook Day" and call on all to pay their personal respects to our friend, Maude Cook."



MRS. COOK HONORED—Mrs. Maude Cook (right) receives a scroll from Mrs. Hazel Hebert when the Beaumont (Texas) African Violet Society observed "Maude Cook Day" and honored the long-time Texas African violet hybridizer.

MEET YOUR NOMINEES

(Continued from Page 22)

fascinated with what you could do with African violets!" she explains. She joined the AVS of San Francisco in 1954 and has served in numerous capacities, including president of the AVS of San Francisco and as president of the Northern California Council of African Violet Societies. She also co-chaired the AVSA convention held in San Francisco in 1962.

The five nominees for new directors include Henry C. Peterson of Cincinnati, Ohio; Richard T. Meyers of Orelana, Pa.; Florence M. Garrity of Roslindale, Mass.; Mrs. W. F. Anderson of St. Louis, Mo., and Mrs. M. G. Gonzales of San Jose, Calif.

A graduate of Ohio State with a BS degree in floriculture, Mr. Peterson spent five years in military service before he took over the Peterson Sons Greenhouses from his father and uncle, the third generation owner of a florist business started in 1882. The greenhouses have 47,000 square feet of glass, completely devoted to growing plants of the Gesneriad family. The biggest item, of course, is the African violet, followed by Episcias, Columneas, Gloxinias, etc.

Teaming with his wife, Lillie, in hobbies that both can enjoy, Mr. Meyers, known to his friends as "Dick", will be remembered as chairman of the Philadelphia AVSA convention last year. He collaborated as technical adviser for the new film, "Cydonia Visits Philadelphia," a half-hour commentary on the 1969 convention. Mr. and Mrs. Meyers joined the AVS of Philadelphia in 1961 when Mrs. Meyers became interested in African violets. He was elected vice president of the Philadelphia society in 1962 and served as president from 1963 to 1965. He became a life member in 1966, and was elected in 1964 to the AVSA board of directors where he served on the membership committee. Both he and his wife are AVSA judges and AVSA teachers.

A foreign teller with the First National Bank of Boston, Miss Garrity received her CBA in accounting and finance from Boston University after her earlier education at Staley College and the Girls Latin School in Boston. Founder and past president of Trimount AVS of Roslindale, she has served as membership chairman for Bay State AVS, and the New England representative on the AVSA membership and promotion committee. She is a member of the New York State AVS, the Nutmeg State AVS and the Rhode Island AVS. A past president of the Eire Society of Boston and the Friends of Central Remedial Clinic of Dublin, Ireland, founded by Lady Valerie Goulding for polio victims, Miss Garrity is also a life member of the International Institute of Boston; the ex-

amining committee of the Boston Public Library, and Suffolk County March of Dimes chairman.

Mrs. Anderson, affectionately known to African violet growers as Neva, served two years as AVSA president and presently is chairman of publications.

An African violet grower and well-known lecturer and an AVSA member for 13 years, Mrs. Gonzales is a life member and an AVSA judge and has been named chairman of the 1971 convention to be held in San Francisco. She served on AVSA membership and promotion for four years and at present is serving as president of the Northern California Council of African Violet Societies. A charter member of the Santa Clara Valley African Violet club, she has served in various offices of both her club and the council.

Synthetic Ethers

The new "hybrid" synthetic ethers tested by the USDA for insect control may offer a new approach to insect control on plants. The new materials are very potent and easily synthesized in the laboratory. Growers used to a different type of insect control, when the day comes that they turn to these materials, may be disturbed by the manner in which they work. They aren't "drop dead" materials, even when used in far greater strength than normal. Instead, these ethers confuse the development of the insect in such a way that abnormal adults incapable of reproduction are produced. Thus, the insect is soon extinct. Safe and effective pest control is the goal of the new materials.

—Florists' Review.

Did You Know....

That the Albert Buells are operating a "ferris wheel" in their new greenhouse and that the "wheel" and Buell's are part of a nationwide film by Electric Industries for telecasting on national TV. According to Albert Buell the "ferris" wheel has now proven successful and plants do as well on it as on regular benches under fluorescent lights.

IN MEMORIAM

In loving memory of Mrs. Sue Ward, a charter member of the Pioneer African Violet society and an AVSA member since 1953, a memorial service was held by the Pioneer AVS. Deep and sincere sympathy was expressed Mrs. Ward's grief-stricken family. Mrs. Ward contributed much of her life to the welfare of others and she will be missed by the many who knew and loved her. Her memory will long be cherished.



By Helen Van Zele
P. O. Box 843
Lemon Grove, Calif. 92045

(Photos by Joan)

And they do! There are so many new ones all decked out in their lovely Easter bonnets. I often wonder what Baron Saint Paul would say if he could come back and see the size of bloom on the present day Saintpaulias. I'm sure his astonishment would equal that of the Wright brothers if they were invited to board one of the new giant jets, Boeing's 747.



Blue Vanessa
—Madison Gardens

"Blue Vanessa," introduced by Madison Gardens is one with giant blooms. It is quixotic in its habits—one never knows what the next flower will be; it could be a solid medium blue, or it could be blue splotted with pale blue, or blue with white markings. It is full of surprises. The huge quilted leaves behave themselves as they should. They grow in a nice wheel and need no support.

Another surprised person would be Betsy Ross if she could see her flag now. I imagine she'd say, "I contracted to sew 13 stars—not



Betsy Ross
—Tinari



Pink Philly
—Tinari

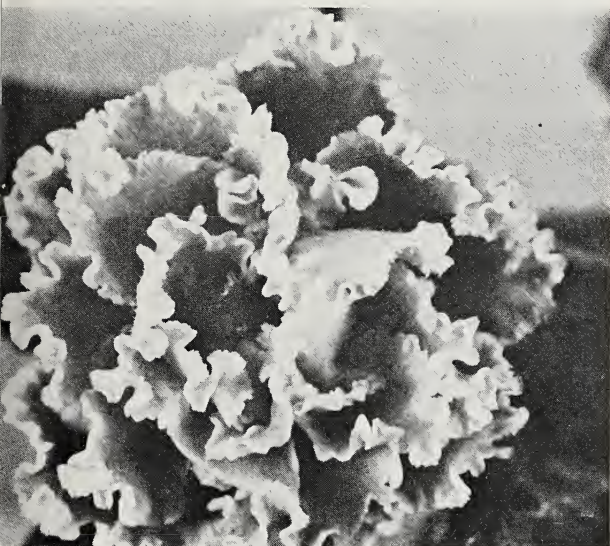
50. Inflation!" But the "Betsy Ross" I'm thinking of is a beautiful plant introduced at Philadelphia by Frank Tinari. It is a deep fuchsia-red double with foliage that makes a great show plant, delighting the hearts of judges, with each row of leaves fitting snugly over the next row so that not a bit of soil can be seen. A nice loud hurrah for Betsy Ross—both of them.

"Pink Philly" is also Frank Tinari's. If you didn't see it spelled, you'd think we were talking about a young pink horse. But no, it's a plant, a beautiful pink single with cupped flowers and the same excellent foliage as "Betsy Ross."



Satin Doll
—Lyon

Lyon's "Glitter Top" is just that, a fluffy ruffly white edged rose double with deep green foliage. Another of Lyon's, "Pretender," is a splendid red double with especially prominent yellow stamens. His "Satin Doll" is an exquisite pink double with a chartreuse edge.



Glitter Top
—Lyon



Brigadoon
—Granger's



Pretender
—Lyon

What can one say about a flower so large that it is practically a cluster by itself? Lyndon



Savoy Blue
—Granger's



Charmglow
—Granger's

Granger's "Brigadoon" should be in everyone's collection. It is a large rose semi-double with very fancy frilled white edged petals—light green tailorel foliage.

Two more outstanding introductions of Granger's are "Savoy Blue" and "Charmglow." "Savoy Blue" is a huge dark blue Geneva with strong quilted tailored foliage. "Charmglow" is another show type plant bearing clusters of especially large fluted rose-lavender double flowers surrounded by strong tailored foliage.

TALL TALES

Mrs. Joseph Hall
2828 South 86th Street
West Allis, Wisconsin 53227

Way down in COON VALLEY the WESTERN SKY was turning from a ROSE GLOW to BLUE 'N GOLD. The JOLLY GIANT was in a HAPPY MOOD and feeling PRETTY PROUD of the river's CLEARWATER. It was now MAYTIME and the valley would soon be a BEAUTY SPOT.

MAPLE SUGAR time was now over. The DOGWOOD, which had been a BLOOMIN' FOOL, had also dropped its flowers. SWEET CLOVER carpeted the lowlands, while in the TWILIGHT ZONE the RED ROSES promised to be a SHOWOFF.

Behind a CLOVER BLOSSOM the GREEN EYES of a CALICO KITTEN watched the ROUND ROBIN. STARRY EYED he listened to the bird's SPRING SONG.

Soon the STARTLING drop of a GUM DROP from HIGH ABOVE sent kitty into the KENTUCKY BLUEGRASS. His HI HOPES of a DELECTABLE meal had now faded.

In the SHADOWS of the tall tree the JAY BIRD is a HAPPY FELLA for his good deed.

Soon MISTY MOONLIGHT will settle over the QUIET WATERS and MISTER SANDMAN will come to all the valley's creatures.

This may not be a TRUE STORY but it has a HAPPY ENDING.



Evagene
—Dates

Dates' "Evagene" is certainly one you will want. Of course, we want all that have been introduced each year; the problem being, room. "Evagene" is a bright fuchsia double and the foliage is the nice-no-need-support kind, each leaf slightly cupped.



ways be a "Photos by Joan."

Present your self with an Easter gift of each of these lovely plants. And now, dear Readers, this writer bids you a fond Aloha. Henceforth, that very entertaining chap, Charles Day, will tell you of the new varieties And there will al-

Floralite To Handle Natur-Escent Lamps

Floralite Company of Oak Creek, Wis., which has over the years handled Gro-Lux and Wide-Spectrum lamps and which has been a consistent advertiser in the African Violet Magazine, has been appointed distributors for the new Natur-Escent and Optima lamps by Duro-Lite.

The two lamps are the same and according to John Slamka, general manager for Floralite, the lamps stimulate and promote plant and flower growth. He pointed out that Natur-Escent full spectrum is an effective growing light and provides true color appearance with no "ugly purple" distortion.

"Developed with the use of spectro-radiometry, Natur-Escent equals natural outdoor light 100 per cent," Slamka said.

Space Saver

Try rooting leaves in a plastic bag. Put some vermiculite in the bottom of bag, dampen it, place your leaf in the bag with stem in the vermiculite, tie the top with a string and hang the bag up—this saves space and works wonderfully well!



Stanley C. Foll

CONVENTION SPEAKER

Stanley C. Foll, one of the speakers at the AVSA convention in Milwaukee, Wis., has a rather unique service. He is a horticultural consultant and operates one of three such firms in the United States that caters to horticultural needs of public and private enterprise. He works with greenhouses, nurserymen, garden centers and florists in teaching personnel buying, advertising and general promotion of their respective business. He also acts as technical consultant to golf courses, and both public and private industry and operates a laboratory to further these needs.

Prior to entering the consultant field, Mr. Foll was research director of the H. V. Hunkel Foundation and technical director of the Holton and Hunkel Company, which owns extensive greenhouses, farms and nurseries near Milwaukee.

Mr. Foll spends considerable time each year on the lecture stage before study groups, students, garden clubs and the general public discussing various horticultural subjects. He has been executive secretary of the Wisconsin-Upper Michigan Florists association for over 20 years. Mr. Foll edits a monthly bulletin for this organization. Since 1958 he has taught such courses as "Landscape and Maintenance" and "Modern House Plant Care". At one time he was director and producer of a TV show called "Plant Science Laboratory".

At present Mr. Foll is working with the Kenosha Technical Institute in a brand new horticultural program, a program that he was responsible for getting started as it has long been needed for the high school graduate that could not afford the four years of college. The program has surpassed all expectations as they have students from all over the United States and some from other countries.

NEW LIFE MEMBERS

Joining the ranks of AVSA life members are:

Mrs. Helen Carpentier
2358 Montrose Ave.
Montrose, California 91020
and

Mrs. C. R. Ballard
630 Cloverdale Road
Montgomery, Alabama 36106

Welcome to both of you into life memberships. These are members who have worked long and faithfully in carrying on the work of AVSA.



DES MOINES WINNER - - Mrs. Marie Istrup was winner of the AVSA Gold Award, Sweepstakes, Plant with Most Blooms, Sweepstakes Arrangement, Best Semi-Miniature, when the DES MOINES AFRICAN VIOLET SOCIETY held its 13th annual show using the theme of "Violet Magic". Other awards were: AVSA Purple Award, Mrs. Roscoe E. Jones, who also had Best Miniature Plant and Best Plant of Show; and Most Outstanding Arrangement, Mrs. Clarence Johnson.



African Violet Growers Faced by Many Problems

*By Anne Tinari
Tinari Greenhouses*

*2325 Valley Road
Huntingdon Valley, Pa. 19006*

Dear Friends:

A glance at the calendar reminds us we are approaching that time of year when convention plans take precedence over all other activities. Reservations made? Plane ticket purchased? Better still, perhaps the family car is ready to whisk you away with boxes piled high containing those precious blue ribbon plants.

Be a part of it all, 'get involved', enter at least one plant and experience the thrill you simply can't afford to miss.

Forgive me if I sound over-enthusiastic. Allow me to invite you to attend a workshop I shall conduct at a Friday morning session with a marvelous group of experts. Questions in the field of culture, miniature, fluorescent light growing at home, showing and judging, will be answered from questions you the members have submitted. Remember you are a part of all this, so if you have any others please send them along to me for the program "Ask And We Shall Attempt To Answer."

Meet me in Milwaukee!

Q. I live at the moment in East Africa, I possess a local collection. It would give me great pleasure and something for me to leave behind when I go . . . if I could somehow raise some of the exciting complicated violets you have either by seed (which I confess I would need great assistance, as humidity is about 90%) or by leaves. I have no idea how difficult it would be to import them, but I do know it has been done. If you suggest seed, how could I get them. Can you help me?

I have found wild ones, which have successfully flowered for me in the Usambara Mountains. They usually flower in crevices (excuse they never seem to flower in the wild state but can be induced to flower in captivity). They are usually found buried in dead leaves and shaded by ferns. They are difficult to find. We have one or two local hybrids too, which I am told by my American friends, are not very like American hybrids, but are much liked with delicate flowers and almost transparent. We have a lovely single pale blue.

A. I thoroughly enjoyed your letter and want

our membership to know how people in other parts of the world seek these exciting new cultivars which have been produced.

I am sending you as a little gift a small packet of hybrid crosses, we do not sell, but are used only for our own testing and hybridizing here in the greenhouses, but I sure do hope you get something worthwhile on them. On the package are directions for planting. You will note the seed is as fine as pepper. Don't plant it all at one time. If it is spread out on white paper you can take it in small portions, possibly making 3 plantings of it to see how successful you can be in germination, etc. It is already too late to ship leaves as our cold and freezing temperatures have already begun, but possibly by next spring if you could secure necessary import papers there, we could attempt to ship you air mail leaves you desire. (Will report to you further with interesting correspondence with this new member).

Reads Magazine

Q. As a new member I have read and reread the magazine again and again and especially your column. But why don't you tell me why plants received with dark foliage, beautiful red undersides invariably lighten. Is it too much light?

A. It is a well known fact that good strong light and lower temperatures produce these results. We know too, that environment, difference in soil mix, humidity, frequency of feeding and general care including water used all play an important part in foliage color.

I have seen some areas where water content was entirely different than ours, possibly more iron or lime content making very dark foliage common to that area. I attended a show in Indiana once where violets in general had magnificent foliage and blossoms much darker in color tones.

Q. I am considering having a basement put under the front part of my house and using it for raising and selling African violets. Can you give me any tips?

A. There are a few things which you should consider. You no doubt would have to grow under fluorescent lighting as flowering plants such as African violets can use 12 to 14 hours of phytoillumination when grown in this manner.

Benches installed about 3 feet or more above the basement floor would indeed make

your work easier and more pleasant when working with the violets. Ventilation is very important. If you would have no window areas you might consider using fans for ventilating as this is one of the prime requisites. Stagnant air is most harmful, especially during the early spring months when fluctuating temperatures are to be considered.

Your ideal day temperature should be about 70° and night temperature not below 60°. Also be certain that you arrange to have warm water available at all times for use in growing a semi-tropical plant of this type.

Q. Will tin foil at the top of the pot rim cause a leaf to wilt? My soil is so compact when I give a plant water it never comes through. Sometimes I use a knife to loosen the soil. Am I injuring the little roots? Sometimes I feel like throwing in the sponge, so help me not to be a quitter.

A. Tin foil alone around the top pot would not cause a leaf to wilt. No doubt there are other environmental problems which are involved.

Now, in regard to the soil. If you find it is too heavy I would suggest you lighten it with possibly 1/3 to 1/4 perlite mixed in. Sometimes in the home people find this good organic soil can be too heavy and dry out too readily.

Don't you dare throw in the sponge when it comes to growing violets. One needs patience and persistence and I just know you will master these little problems which no one can solve except the individual working with the plant. Remember, too, all varieties are different; some need more water than others, so please keep trying and your reward will be plants in bloom.

High Temperatures

Q. My violets are doing so poorly. Do high temperatures affect them, or can it be due to other factors?

A. If your room temperature gets too hot, for instance, above 80° plants will get listless. Flowering will almost diminish! Those that appear will be undersized; some will dry up and fall off prematurely. Growth in general will be noticeably slow.

Q. I need help! I have the fever bad! After giving all plants a thorough soaking I proceeded to divide to my heart's content. What a mess! None of the plants look good and they are all in my beautiful 4" pots. The pots are tall and stately, but the violets look terrible. I'm sick . . . what did I do wrong? I read and read on how to divide and this is what I came up with.

A. Apparently you did not read far enough. Division of plants is a technique you develop after you experience it several times. Your first mistake was having plants too wet. If they

are slightly dry, leaves will be less brittle, you have more flexibility in separating. The root mass to be broken apart can be done with greater ease; each section can be gently pulled or cut, always remembering to leave a small portion of the root or ball intact.

Your next mistake was attempting to place each division (regardless of size) into the 4" pots, and tall ones at that. You will find divisions are best put back into small pots until roots are established or to be safe, go by the established rule of having pots 1/3 the dimension of the plant; a marvelous rule for proper proportion. Young divisions have a difficult time adjusting or producing roots fast enough to embrace the pot. Therefore soil mass remains too wet for proper drainage and air circulation in the pot, which being an essential cannot function. Be cautious in overwatering after replanting, a mistake often made in an effort to revive limp plants that have been overpotted.

Time To Repot

Q. How can I tell it is time to repot any violets, or do I do it every year to be on the safe side?

A. Look for the following telltale signs: A wobbly plant or one where a long neck has developed appearing top heavy, one that is out of proportion to the pot. Study your plant. These are easy signs to direct you. It is most unwise to feel plants should be repotted all at one time. Treat your plants individually. Give them attention as it is needed. A trained eye can tell you when a plant is comfortable. If plants are in good soil mixture at the offset, one can many times prevent complete repotting by removing baby leaves, suckers or even lower outer leaves to stimulate even growth without disturbing it, and by constant feeding in proportion needed, you can supplement nourishment that is leached out of the soil at each watering.

Q. Violets are a new experience in my life. I'm excited to learn the names in my collection. Please give me information. You mention a Handbook in your column. Also can you tell me why some of my buds dry up before they develop.

A. In regard to the Handbook or the Master List of African Violets, Volume 2, which will be published in early 1970 and can be gotten from the Knoxville office. It is being offered at \$3.00 special price which is a pre-publication sale, deadline of January. After that it will be \$3.50. This will be complete and up to date and should be of help to you.

Buds on violets not opening is usually due to lack of sufficient light. Also keep plants in small pots.

Q. My violets have thrips. I have submerged

the pots in a solution nicotine sulfate several times but the insects persist.

A. I would suggest the use of 50% malathion spray. Reports coming in to me praise the new Antrol Malathion spray which is now on the market. A solution in proportion of 1 teaspoon to a gallon of water every 7 days for several times, later as a preventive spraying every 2 to 4 weeks is a good insurance.

Used Soil

Q. Can I use my soil over and over again? And how do you sterilize and why? I have no diseases. Should I still do it? I simply don't understand about nematodes.

A. In regard to sterilizing soil we find this is very important. Besides the dreaded nematodes which are present in most soils, other pests such as grubs, wire worms, etc., can do great damage if soil is used unsterilized. Sports of molds, fungus diseases and other pests too, are best controlled by sterilization.

In sterilizing soil one must be most careful not to eradicate some of the beneficial bacteria in the soil. This can be done by baking soil in an oven. Use a roaster or baking pan that the lid fits on securely and bake at 180 degrees for at least 1 hour. Soil should be slightly moist so as to create steam in the roaster to penetrate the soil. Temperature should not exceed 180 to 200 degrees after first reaching the temperature which can be measured by a baking thermometer (such as you would use in meat or fowl) for a period of approximately 1 hour.

There are numerous chemicals that can be used for this purpose, but not all are really safe for the home grower who cannot use the large quantity they come packed in. Also many other expenses such as an applicator, etc., and must be very well treated before it is safe to use.

Using soil over and over again is not the best practice in growing plants. I do not recommend it.

Q. Why do the first leaves on my plant come almost white, followed later by more normal dark ones?

A. This is due to the very tender young growth especially if plants are not fed regularly under the lights. I would suggest diluting food at 1/3 strength and using it for every watering to supply a strong, sturdier new growth. Also keep plants in the very small pots until they are strong and ready to be moved.

Repotting Plants

When repotting plants, do not pack the dirt tight. It is better to leave the soil loose and fill in the top when needed. Rap the pot on the table or bench to settle soil and eliminate air pockets.



CHRISTOS C. MPELKAS

SPEAKER AT CONVENTION

Scheduled to speak at the annual banquet of the African Violet Society of America, Inc., a highlight of the 1970, convention in Milwaukee, Wis., is Christos C. Mpelkas. The banquet is set for Friday, April 17, at 7 p.m. in the Grand Ballroom of the Pfister Hotel, preceding the AVSA Show in the Imperial Ballroom.

Mr. Mpelkas is the plant physiologist for the lighting products division of Sylvania Electric Products, Inc., a subsidiary of General Telephone & Electronics Corporation. His office is located in the market applications engineering department at the Lighting Center, 100 Endicott St., Danvers, Mass.

Mr. Mpelkas is in charge of the Sylvania Gro-Lux radiant energy sources as they pertain to the optimum plant growth development, as well as coordinating applied research in the maintenance of quality control on post-harvested economic crops.

Prior to joining Sylvania, Mr. Mpelkas headed the Vegetable Crops Department at the Essex Agricultural and Technical Institute; was a research technician for the Massachusetts Agricultural Experiment Station at Waltham, Massachusetts, and was a research produce manager for the Star Supermarkets. A 1949 graduate of the University of Massachusetts, Mr. Mpelkas received his Master's Degree in 1950 from the University of Connecticut. For the past five years, Mr. Mpelkas has studied and compiled data on "The Response of High Energy Electrons on Vegetable Crops."

Mr. Mpelkas is a U. S. Army Air Force veteran of World War II. At present, he holds the rank of Major in the 1209th R and D Army Reserve Unit. He is a member of the Society of Plant Physiologists.

REGISTRATION REPORT



*Adele Tretter, 4988 Schollmeyer Ave.
St. Louis, Mo. 63109*

The following registrations have been received during the period from October 1st through November 30th 1969.

SATELLITE PINK (1998) PRE 2 s-d S 10-24-69

Kolb's Greenhouses, 725 Belvidere Road, Phillipsburg, N. J.

ANDY GRIFFITHS (1999) DR 35 d S-M 10-24-69

FLICK TOO (2000) LR 259 d L 10-24-69

JAY BEE GEE (2001) DOVE 359 df L 10-24-69

JAYNE ANNE (2002) MPRE 359 d S 10-24-69

LOUISE BLACK (2003) LPYE 23 s-df L 10-24-69

MARY UBSDELL (2004) MPWE 359 s-d S 10-24-69

OUR NANCY (2005) WLBC 29 d S 10-24-69

Mrs. J. B. Griffiths, 634 Smythe St., Fredericton, N. B. Canada.

JENNIFER (2006) LODEGE 19 s S 10-25-69

LILI BELLE (2007) P-RW 53 s-df S 10-25-69

Tinari's Greenhouses, 2325 Valley Road, Huntingdon Valley, Pa. 19006.

AURORA'S FAIREST (2008) R 58 df S 11-2-69

AURORA'S INNOCENT (2009) WPC 39 s-d L 11-2-69

AURORA'S PINK LADY (2010) MPX 29 d S 11-2-69

AURORA'S QUEEN ANNE (2011) WPC 3 d L 11-2-69

BLUE SKIES OF AURORA (2012) DB 39 s-d L 11-2-69

Benke's Greenhouses, Box 235 Bilter Road, RRI, Aurora, Ill.

BLUE REVERIE (2013) LBX 35 s-df S 11-14-69

BRIGADOON (2014) LRWE 239 s-d S 11-14-69

CABARET (2015) DRWE 35 df S 11-14-69

COCKATOO (2016) WPC 239 d S 11-14-69

DAPPER DAN (2017) DB 23 d S 11-14-69

FIREBIRD (2018) RWE 5 sf S 11-14-69

LAVENDER GEM (2019) R-OWE 239 d S 11-14-69

PATRICIAN (2020) DVWE 239 d S 11-14-69

GRANGER GARDEN'S PIED PIPER (2021) BWC 239 d S 11-14-69

RADIANCE (2022) R-VWE 239 s-d S 11-14-69

ROYALAIRE (2023) DBWE 23 dc S 11-14-69

SEAFOAM (2024) MBWE 35 sf S 11-14-69

WHITE REGENT (2025) WOC 23 d S 11-14-69
Granger's Gardens, Rte. #2, Medina, Ohio 44256.

BLUEJEAN (2026) MB 35 s S 11-17-69

Irene Fredette, 972 Grassy Hill Rd., Orange, Conn.

CALIFORNIA SKIES (2027) DPWE 359 df S 11-19-69

Clarence Wilson, 9057 Oak St. Bellflower, Calif. 90706.

BLUE ROSETTE (2028) MB 28 d S 11-20-69

Margaret Scott AVS, 510 S. Cottage Grove, Urbana, Ill. 61801.

POP ART (2029) OVC 8 d S 11-20-69

HAPPY DAZE (2030) LPRC 39 df S 11-20-69

J. S. Shaw, 1214 Princeton Ave. Charlotte, N. C. 28209.

MATCH MAKER (2031) PX 359 s-dfc S 11-26-69

C & N Mallette, 171 Division Ave., Shelton, Conn. 06484.

BABY DOE (2032) MGE 5 df L 11-28-69

COLORADO CARNATION (2033) LP 5 df L 11-28-69

COLORADO ROSEBUD (2034) DPX 35 d S 11-28-69

Mrs. Paul Kiesling, 475 Madison St., Denver, Colo. 80206.

CAPE COD (2035) WBGE 35 d S 11-29-69

CROWN OF GOLD (2036) OX 237 d S 11-29-69

MONIQUE (2037) OX 23 s S 11-29-69

OCTOBER (2038) P-R 35 s S 11-29-69

WINE BOUQUET (2039) R 23 d S 11-29-69

Victor Constantinov, 3321 21st St. Apt. 7, San Francisco, Calif. 94110.

Reservations

The following reservations have been received during the period from October 1st through November 30th 1969.

DRUM MAJOR—TEDDY BEAR—IRIS NO—SISTER SUSIE—TOWN CRIER—SI SI—NIGHT N' DAY—CHARM BRACELET 10-26-69

Reserved by Irene Fredette, 972 Grassy Hill Rd., Orange, Conn. 06477.

LASSWELL'S GEM GEM — LASSWELL'S SWEETHEART SUE—LASSWELL'S GLACIER PEAK—LASSWELL'S GAY BEN — LASSWELL'S GIRL FRIDAY 11-6-69

Reserved by Mrs. J. C. Lasswell, Jr., 4815 - 148th S.W. Edmonds, Wash. 98020

DORIS ANN—STEVEN GRAHAM 11-20-69

Reserved by Mrs. J. B. Griffiths, 634 Smythe St. Fredericton, N. B. Canada

MINI-MIGNON — MINI-HA-HA — COSTA BRAVA 11-30-69

Reserved by Annalee Violetry, 29-50 214th Place, Bayside N. Y.

FRILLED DANDY 11-24-69

Reserved by Mrs. Newel H. Mallette, 171 Division Ave., Shelton Conn. 06484

WHITE CHRISTMAS

Renewed 11-20-69 Victor Constantinov, 3321 21st St., Apt 7, San Francisco, Calif.

RELEASED FOR USE

*PINK THERAPY — CONQUISTADOR — ED-
DIE'S STAR — LIKEABLE — PLAYMATE —
FLYING SAUCER PINK — PHILLIPSBURG —
SATELLITE PURPLE — RONNIE — MISTER
NOBODY.*

Project Canada In The Making

To interest African violet growers in Canada's 1971 National Show, the Victoria African Violet club, of which Mrs. R. A. Lake is president, has initiated "Project Canada 1971." It is expected that the show will be held in September 1971 but this date has not been confirmed.

The Victoria AVC will host the Canadian convention and show in Victoria, British Columbia.

"Will every African violet enthusiast enter 'Project Canada 1971' by planting a leaf in March 1970 according to the class in which he or she will be eligible to compete in the National Show in 1971?" Mrs. Lake asks.

Here are the classes:

(1) For Novice growers: Plant a leaf of "Delft Imperial" the fastest growing reliable plant by Granger and groom it to a show plant.

(2) For the Amateur growers, we have chosen the plant "Double Black Cherry." Put your leaf down in March 1970 and by September 1971 you should have a rewarding show plant.

(3) For the Advanced Amateur grower "Magnifica" has been chosen. It is a relatively new but proven variety by Lyon which should be able to live up to its name in one and one half years of growing.

"We hope you will all enjoy entering 'PROJECT CANADA,'" she added. "This is open to all growers who wish to compete in our National Show—not just Canadians.

"Perhaps those growers who find it impossible to participate in the National Show in Victoria may wish to encourage a similar 'PROJECT CANADA 1971' in their own local club show."



AT NEW YORK SHOW — Cordelia Rienhardt, president of the New York State Society, Harold Rienhardt, and all of the other members of N.Y.S. put on a great Fall Convention and Show at Syracuse. Queen of the Show was "Ann Slocomb" shown by Mrs. Sidney Bogin (top photo) and Mrs. Gilbert Chaisson grew the largest plant, "Purple Gold," (bottom photo). All those who attended enjoyed every minute of it and are looking forward to the next Convention which will be held at Watertown, N. Y.



BEGINNER'S COLUMN

Mrs. J. A. W. Richardson
RR #1, Box 70
Tavares, Florida 32778



Amateurs Should Show

The best way for a beginner to learn how to grow beautiful African violets is to decide to show. You will then strive for perfection and have a goal in mind. There is much satisfaction in sharing your lovely plants with others. It is not necessary to have a large plant. A small plant which meets all the specifications for a show plant will win over a large one which does not. However, I must admit that if both plants get the same number of points, the larger one will win since it takes more knowledge and time to grow the larger one. Here are a few hints which will help you to get blue ribbons. Judges who are bound by a scale of points which they use in judging plants, will look for certain things.

Your plant must be symmetrical—that is as round and flat as you can make it. If a leaf sticks out beyond your desired circle, remove it early in the game. Do the same with any broken or badly marked leaves. In time, the space left will close. Leaves should also grow straight out from the center. If you find that certain leaves do not grow as you wish, you can gently push them in the direction you want them to go by placing a toothpick next to them to keep them in place. Keep pushing in the right direction, little by little, until you have them where you want them.

In order to get full credit for floriferousness you must have a goodly amount of bloom, according to the variety and the size of the plant. The judges will also look at the size of your blooms, the color and freshness of blossoms.

Can't Fool Judges

Strive for plants that have a flat, rosette shape with no soil showing between the petioles (stems). Plants should be in the center of the pot. Remove those leaves which first come out, called "baby leaves." Also, of course, any rotted leaves. Long before you show you should do something about a "neck" as that is one of the worst faults a plant can have, and don't try to heap up the soil around it. You won't fool the judges that way.

Chances are that if your plant has had sufficient humidity it will have a green, clean look. Two days before showtime give your plants a bath. So much has been said about not getting the leaves wet that many people are afraid to wash a plant. You may do so. Simply take it to the sink, turn the pot side-

wise so that a lukewarm stream of water runs over the leaves but does not get into the pot. Support the leaves with your hand. Also do not let any water get into the center but if it does, you may blot it gently with a soft sponge. Then allow the plant to dry away from sunlight. This treatment is similar to the bath flowers get when it rains and they simply love it. You may brush the leaves gently with a camel's hair brush before giving it a bath.

When removing a leaf or flower stem always be sure that no nub is left.

Follow Rules

Above all, read the schedule before deciding what you will show, and follow the rules. Also, do not be afraid to show. Hardly ever does one see a perfect plant. Some schedules have a class for those who show for the first time. Judges assigned to this class are lenient.

Be a good sport. If you do not win an award or a ribbon, be glad for those who did and resolve to do better next time. If you do not understand why your plant did not get a ribbon, or a better one, any judge will be glad to tell you why. If you explain you are a beginner and trying to learn she/he will give you lots of information, so that you will have better luck next time.

Did You Know....

That Hermann Holtkamp and his son of Isselburg, Germany, and Mr. Yoshida, president of Sunnyside Nurseries of Hayward, Calif., visited Henry Peterson's place of business in Cincinnati, Ohio, to acquire various species of Saintpaulias?

The Holtkamps have hybridized the Rhapsodie African violets in Germany and while in the United States visited some of our outstanding African violet greenhouses to see what our hybridizers and growers are doing in our country.

NEW COMMERCIALS

It is with pleasure we welcome two new commercial members into AVSA. They are:

Berry's African Violets
1832 Turner Drive
Houston, Texas
Charles Plaza Florists
197 Cambridge Street
Boston, Massachusetts



Students Learn About African Violets from Expert

Boys Show More Interest Than Girls

Kenosha County, Wisconsin, should produce quite a supply of African violets if success is attained from leaf propagation.

Mrs. D. E. Buchta of Racine, Wis., is shown in the picture as she attempted to tell "59 eager beavers" about the merits of African violets and the how and why of propagation. Literature from the AVSA office on growing violets and leaves from double blossoms to variegated foliage was distributed to the students of Mrs. Josephine Eberhardt's eighth grade class. Each student was presented a leaf. Mrs. Buchta was invited to return in the spring for another class session and to check on the results of leaves rooted and number of plants obtained.

"Working with youth is more rewarding and satisfying," Mrs. Buchta said. "They are so enthusiastic, it rubs off on you. They want to know WHY for everything. I find that boys show more interest in African violets than girls and ask far more questions."

Mrs. Buchta is a nationally accredited flower judge. Her talk at the Wisconsin school was part of a green plant study program of the eighth graders. Mrs. Buchta extended an invitation to the boys and girls to see the many

beautiful plants on display at the 1970 AVSA convention and show in Milwaukee, Wis. April 16-18, sponsored by the Wisconsin Council of African Violet Clubs. (Photo by Marshall Simonsen of the Kenosha News).

AV Magazine Ads Get Results

The African Violet Magazine is always delighted to know that our readers patronize our advertisers. Here's what Mary Stewart of Mary-Ray Violet House has to say:

"I'd like you to know the results of my first season in business. The bulk of my orders were directly the result of ads in the AV Magazine. We shipped well over 2,000 cuttings to 35 states and Washington, D. C. It has been very exciting.

"We deal only in rooted cuttings by mail order, feeling we can give better service by limiting our product and know we can give faster shipping when we devote all our time to packing and shipping.

"We are glad to say we didn't receive one bad check. Violet people do seem to be so NICE."

Pay Your Dues . . .

Many Interested In Forming New Chapters

Another AVSA year has come to a close. Only those of us over 40 fully realize how swiftly time flies by, right? This is the LAST MAGAZINE any individual or affiliate organization will receive unless you have paid the 3/1/70 to 3/1/71 dues. Individual members should have their dues card and each president of an affiliate organization should have received the charter, affiliate letter and enclosures IF dues have been paid to 3/1/71. Are yours?

Boot Hill Saintpaulia Club, Houston Saintpaulia Society, Central Connecticut Saintpaulia Club, Dainty Duchess Violet Club, Happy 'Ours African Violet Society and Union County Chapter of the AVSA all paid their dues prior to 11/1/69. Now, how about that!

There have been several inquiries about forming new chapters and affiliating with AVSA. It is hoped that the new chapters will be reported in this column soon.

New individual memberships have come in through this committee's efforts and interest. Many inquiries have come in through the 30-age group and this is wonderful. Send an addressed stamped envelope for the sheet on obtaining new members.

SHOW TIME!!! Show Chairmen, please be fully acquainted with Mrs. Carey's Handbook for Judges and Exhibitors. Please OPEN the award packages and take care of the enclosure—and order early! "Some of the enclosures are to be filled in and returned and others to be prepared in advance of show time." Be sure to enclose two show schedules with your request for awards. Some of the enclosures are to be filled in and returned and others to be prepared in advance of show time. And, in making out the forms for the Gold and Purple Rosette entries, please try to spell the name of the registered plants correctly. Show chairman or Judges should see, before mailing, that these forms have the exhibitor's name and address.

Feel free to address any inquiries to me. When you write, please enclose a stamped addressed envelope. We are all busy and this helps at this end for promptness of reply.

NEW CHAPTER

BELLEVILLE AFRICAN VIOLET CLUB, Mrs. Marg Norris, President, 253 Parrot Drive, Belleville, Ontario, Canada.

By *Lizeta Hamilton*
675 Soldier Hill Road
Oradell, New Jersey 07649



SWEEPSTAKE AWARD

The following societies have received the Sweepstakes Award presented to the exhibitor winning the most blue ribbons in the entire show, horticulture and design division.

WISCONSIN COUNCIL OF AFRICAN VIOLET CLUBS, Mrs. James Merrell, President, Oconomowoc, Wisconsin. Awarded to Mrs. Frank Luedtke.

NORTHERN CALIFORNIA COUNCIL OF AFRICAN VIOLET SOCIETIES, Mrs. Minord Gonzales, President, San Jose, California. Awarded to Mrs. Charles G. Bales.

NUTMEG STATE AFRICAN VIOLET SOCIETY, Mrs. William Wilson, President, Windsor, Connecticut. Awarded to (not reported)

STANDARD SHOW AWARD

The Standard Show Award—commonly known as the green rosette—is given to each affiliate organization once yearly if the score is ninety or more points. It is our pleasure to announce the following winners:

WISCONSIN COUNCIL OF AFRICAN VIOLET CLUBS, Mrs. Roy Bartel, Show Chairman, Milwaukee, Wisconsin. Theme: Violet Colorama, 10/16-19/69.

FIRST AFRICAN VIOLET SOCIETY OF BELOIT, Mrs. Fred Scudder, Show Chairman, Beloit, Wisconsin 53511. Theme: To The Moon in '69, 10/23-24/69.

HI HOPES STUDY CLUB, Mrs. Frances Russell, Show Chairman, Denver, Colorado 80219. Theme: Violet Time Is Any Time. 11/7/'69.

I do hope the chapters in presenting a fine show to the public will especially consider the judges this year. Figure how many total entries you had last year, the amount of time allowed the judges and the number of panels (three judges to each) you plan to have. It won't take long to see if you have ample time and ample number of panels for the judging. Judges can not do the work you expect of them if not given the time to do the sort of job they have been trained to do.

Proposed Amendment To AVSA Bylaws

ARTICLE II — Membership and Dues

Section 5 — amend by striking the words "any twelve (12) month period" (last line) and inserting "the twelve (12) month period from the first day of March through the last day of February."

As amended will read:

Dues shall be payable in advance, to the treasurer of the society and shall cover the twelve (12) month period from the first day of March through the last day of February.

EFFECT: To bring bylaws into conformity with practice.

Hobby Is Profitable For Disabled Woman



Mrs. J. A. Gomes

"It probably isn't easy for Mrs. Ruby Gomes to keep up her cheerful outlook on life," Jewel Moore wrote in the Moulton Advertiser, the Moulton, Ala., newspaper, as she went on to say:

"She has had many hardships to bear—the biggest was losing the use of her legs—but she isn't one to indulge in self-pity. Since being forced to give up her job with a Decatur company because her legs could no longer support her, she has found many things to keep her occupied at home where she now spends all her time.

"Her day to day resolution is to keep busy . . . find something to do.

"In the past three years she has managed to do just that. Her latest part-time hobby has now turned into a profit-making venture."

It all started with a few pots of African Violets.

SOMETHING TO DO

Always a lover of plants and flowers, Mrs. Gomes thought of it as "something to do" when she bought those first plants a few months ago and started rooting them.

Hopeful that the carefully rooted leaves would grow into new plants, she still remembered two previous attempts to grow violets that had failed and how she had lost her investment.

"Just as I was about to give up on these last ones, they started growing," she said.

The process of replanting—cutting off the

leaf of a plant and potting it—has continued. Now there are African Violets all over the place . . . far too many to count, she says.

She has them in the window of the living-room; in the kitchen and utility room; and on tables in her workroom. Her crop includes a large number of varieties and many different colors, ranging from purple to the new shades of green.

As the number of plants continued to increase, she decided to sell a few to friends and neighbors. It seems that African Violets are a favorite of many people and she has since started selling them to the public.

LOTS OF ROOM

When Mrs. Gomes' husband, the Rev. J. A. Gomes, accepted the pastorate at Bethany Baptist Church in 1966, they moved into the spacious parsonage near the church, located in the Blackground Community south of Town Creek, Ala.

"I found that I had a lot of room and nothing to do so I decided to try growing African Violets again," she explained.

Her first attempt was years ago, she said, when they lived at Wren near Moulton. She lost the plants because of cold weather.

Later, after they had moved to Decatur, she tried a second time to grow the flower and it looked for a while like she might make it. Her mistake, she recalled, was bringing home some new plants she bought on sale at a local store. It turned out the plants were infected and, before long, the infection spread to the healthy plants.

"What few didn't die I gave away," she said. "I was so disgusted I said then I'd never try to grow them again."

TIME ON HER HANDS

But after quitting work in 1966 because of her health, she found there was more time for hobbies and returned to growing African Violets as "something to keep me busy."

Now she sells them. They range in price from \$.50 to \$2 and each customer gets an extra one free.

She takes special care to be sure the plants are healthy; the soil is sterilized (baked in her oven) before the plants are potted.

Her dreams are that one day she can expand her project and have a green house for the plants.

And with her determination, she will probably make it.



COMING EVENTS

- MAR. 7-8** First Austin African Violet Society Show, "Violets for All Occasions," at Austin Area Garden Center, Zilker Park, Austin, Texas. No admission charge. Plants will be sold. Mrs. R. L. Pritchett is chairman.
- MARCH 15** Omaha AVS to hold annual show, "Violet Treasures", at First Federal of Lincoln Homestead Center, 2101 So. 42nd Street, Omaha, Neb. 10 a.m. to 5 p.m.
- MAR. 15-22** Philadelphia Spring Flower Show in Exhibition Hall at Philadelphia Civic Center, with Philadelphia African Violet Society staging one of the 98 colorful major exhibits. Garden wares and supplies on sale. Mar. 15, 12 noon to 7 p.m. Mar. 16-22, 10 a.m. to 10 p.m. Admission, adults, \$2.50; children under 12, 50 cents.
- MAR. 21-22** Long Island AVS show at Masonic Temple, 286 West Merrick Road, Freeport, Long Island, N. Y. Tickets on sale at door. Children under 12 free. Rules for entering plants contact Mrs. Julia Hall, 738 Fillmore Road, East Meadow, N. Y. 11554 or phone 616 IV9-2941.
- MAR. 21-22** Sparkling Waters African Violet Society's spring show at American Legion Hall, Grassy Hill Road, Orange, Connecticut, Route 121, ext. 56, Marritt Parkway. Theme, "Nature's Palette of Beauty." Mrs. George F. Noose, show chairman. Mar. 21, 2 to 5:30 p.m., Mar. 22, 10 a.m. to 5:30 p.m. Admission free; free parking.
- MAR. 21-22** Rhode Island African Violet Society's sixth annual show, "Violets Go Visiting," at Woodridge Parish House, 30 Jackson Road, Cranston, R.I. Mar 21, 2 to 8 p.m. Mar. 22, 1 to 6 p.m. Admission free. Herman Lippman is show chairman.
- APRIL 4-5** Naugatonic African Violet Society's 10th annual judged show at Boothe Memorial Park in Stratford, Conn. April 4, 2 to 6 p.m. April 5, 10 a.m. to 6 p.m. Admission free.
- APRIL 4-5** African Violet Society of Philadelphia to hold 11th annual show at the Watertown Recreation Center, Ardleigh and Hartwell Lane. Theme, "Violet Time Is Any Time."
- APRIL 11-12** Rocky Mountain African Violet Council to hold 9th annual show at Community Room, Englewood City Hall, 3400 So. Elate, Englewood, Colo. April 11, 2 to 8 p.m. April 12, 1 to 6 p.m.
- APRIL 11-12** Richmond African Violet Society's annual show, "Romance of Richmond" at the Azalea Mall. In the artistic division, historic Richmond scenes will be interpreted. Mrs. J. E. Schultz, chairman; Harriet May, co-chairman.
- APRIL 11-13** Memphis and Shelby County African Violet Society and The Frayser African Violet Club to hold their annual show at Southland Mall, Hwy 51 S. 10:00 - 10:00.
- APRIL 18-19** African Violet Society of Greater New York, Inc., to hold 14th annual Spring Show and

plant sale at the Queens Botanical Garden, 43-50 Main Street, Flushing, Long Island, N. Y. Theme, "Hall of Fame." Mrs. Ethel Hendricks, show chairman. No admission fee. April 18, 1:30 to 9 p.m.; April 19, 10 a.m. to 6 p.m.

- APRIL 23-24** African Violet Society of Minnesota and Upper Midwest Area to hold annual Spring Violet Show at Twin City Federal Savings & Loan Association, Eighth and Marquette, Minneapolis, Minn. Admission is free. 8:45 a.m. to 4 p.m.
- APRIL 23-24** West End African Violet Club's annual show and plant sale at Hutzler's Hall, Southdale, Mountain Road and Ritchie Hy, Glen Burnie, Maryland. Theme, "Our Garden of Violets." Proceeds from plant sale to Del Rey Cerebral Palsy Center, Cantonville. April 23, 2 to 9:30 p.m. April 24, 10 a.m. to 8 p.m. (NOTE Change in address. Westview Hall is closed).
- APRIL 26-27** Town and Country AVS, Inc., to hold seventh annual show at Second National Bank branch in Phillipsburg, N. J. April 26, 3:30 to 8 p.m. April 27, 1 to 6 p.m. Theme, "Winter Wonderland". Mrs. George Storrow, show chairman; Mrs. Lewis Papp, co-chairman.
- MAY 2-3** Metropolitan St. Louis African Violet Society's 17th annual show in Floral Display House at Missouri Botanical Garden (Shaw's Garden), 2315 Tower Grove avenue, St. Louis, Mo. Theme, "Annual Violet Show Album." May 2, 2 to 6 p.m. May 3, 9 a.m. to 6 p.m. No admission charge to show but charge of 50 cents to garden. Mrs. Fred Tretter, general show chairman; Mrs. W. F. Anderson, vice-chairman.
- MAY 2-3** San Mateo County Violet Society of California's third annual show at Hillsdale Inn, San Mateo, Calif. Theme, "Say It With Flowers." Mrs. Richard Chase, Redwood City, Calif. show chairman.
- MAY 8-9** Parmatown African Violet Society to hold annual show and sale in the Parmatown Mall, Ridge and Ridgewood Drive, May 8, 12 noon to 9 p.m.; May 9, 10 a.m. to 5 p.m.
- MAY 8-9** North Shore African Violet Society's 15th annual show, "Wedding of the Violets," at North Shore Shopping Center Auditorium in Peabody, Mass. Mrs. Earl Gray and Mrs. Bel Strumppman, co-chairman.

DID YOU KNOW . . .

That Webster's House of Violets, operated by Ruth Webster in Lexington Mass., had a freeze-up January 1969 and Mrs. Webster lost everything? But her good friends "showered" her with some of their spare plants, leaves and seed to help her get started again. By April her greenhouse was once again in bloom. It lacked mature plants, but there were plenty of nice young ones—and now she's back in business again.

Send in your
CONVENTION
RESERVATION
T O D A Y !!

Variety Notes

Mr. R. W. Anderson
2306 Glenoak Drive
Champaign, Ill. 61820

It was just about a year ago that I wrote a note to the effect that I would suspend my column for awhile to other commitments. I'm afraid I left many readers wondering who won: the soil mealy bugs or me?

Actually, we both lost! I thought I was rid of them a couple of times, and when they re-appeared, I made a mistake and gave the plants an overdose of Cygon.

Many that were weak from the bugs died. Some, however, survived, but by then, I decided to give up and start over again.

Having just moved into a new home and being without a good place to start new plants has delayed my new start, but I am about to the point of beginning again.

Knowing what I do now, if I had the chance over again, I would simply use the discovery of mealy bugs to thin out my collection. I would throw out all the plants I did not particularly like, and transplant the ones I wanted to keep in some fresh sterilized soil, treated with Dr. "V" as instructed on the label. Based on the experience of others and the AVSA sponsored research done on the problem, I am confident that had I done this, I would have had no more trouble.

I have just been looking through my stack of photographs of varieties on which I have been planning to report. I found a group of three photos of blossoms of plants I consider worth having in a collection. I may have described one or more of these previously. However, here they are:



Blue Chips

As indicated by its name, the blossoms of this plant are a clear blue. They are quite large and fairly profuse. My plant bloomed constantly. This is what I'd call a man's plant. It is without ruffles or the appearance of lace. The blossoms are strong looking. The foliage is neat and well groomed and the plant is quite large. The leaves are also large.



Candy Lips

This is a small plant with light-colored leaves that tend to curl down around the pot. The blossom is not large but is a rather full double white with a very distinct and very red marking on the petal edges. I would like it in my collection due to its novel markings on the blossoms.

By next issue I'll try to have visited some other local African violet growers and have some photos and descriptions in depth of some outstanding varieties.



Bicolor Beam

This is an old variety. I find mention of it in a very early book on African violets. The plant is medium large and it blooms freely, having large red-violet blossoms marked by a distinctive darker red violet on the tips of the two upper petals. The blossoms are large and held erect. This is one I'll want to replace, though it probably will be hard to find.

Musings from the "Mini-Mam"

Mrs. Roy Weekes
1356 East Cypress
Glendora, Calif. 91740



Not so long ago, when we were helping to work up the first of what we hope will be a series of slide programs on Miniatures and Semis, the thoughtful question was asked as to just how interested people were in the older varieties. I remembered that when we started this list one member

of the committee made the remark that as far as she was concerned we could forget about everything that was introduced before 1960 and the hue and cry of others who grew them and loved them and were not about to leave them out.

So just to follow through on this matter I checked and discovered that out of the 168 varieties listed in the mimeographed project report 56 were listed in the Master African Violet List before 1960—exactly one-third of them. Then if you add up (which I'm not about to do) the number of votes, which the "oldies" had, compared to the new ones, I have a feeling that the percentage would be overwhelming. We certainly DO love the new varieties that our hybridizers are putting out for us BUT we aren't about to forget the beloved babies that we are familiar with either.

In Full Bloom

I was taking slide pictures of some of the varieties that have come into good bloom over the summer. "Piggy" with its drift of heavenly blue single blossoms and leaves with those unusual white hairs which give the whole plant a frosted look; "Shine Boy" with that gorgeous black-green shiny foliage that is so attractive even when the plant isn't blooming; "Redderness" with that brightest-of-red double blossom; "Fairy Princess" looking like a hand-painted dream; "Sunbonnet Baby" with those perky geneva blossoms standing so straight and tall above the lovely foliage—and knew they would be with me for a long time no matter what.

With the availability of the new ones, many of the old ones are no longer listed commercially. So the training and swapping goes on at quite a furious pace. Quite a little of my mail comes from hobbyists in love with an old variety and "Do you know where I might be able to find it?" I can only refer you to

those commercials who specialize in miniature varieties (see January issue, 1970), and wish you luck. I grew it years ago and lost it somehow. I remember it as a good constant bloomer with plain foliage that grew nicely and small dark wine single blossoms that were ever so attractive. These tiny blossoms are also much sought after by those interested in the design classes of a show. Did you ever try making a miniature arrangement with today's large blossoms? Really impossible!

Collectors Are We

So—"collectors are we, and happy as can be." That is until we run out of window-sill room and then we will have to become more selective.

We still like our mail man and he likes us—so write and tell us the varieties you are growing and how they grow for you.



WEST END AFRICAN VIOLET CLUB—The happy Baltimore, Md., winner pictured above is Marie Tarr, who won Best of Show with "Prom Queen", AVSA Gold Rosette with "Prom Queen", "Pocahontas" and "Grand Duke", sweepstakes in Specimen plants, and best of show runner-up in the AV show which used "Violets for Mother with Love" as the theme. Other winners were: Sweepstakes runner-up, Mattie Heath; outstanding arrangement, Earline Mills; second best arrangement, Dorothy Kern; sweepstakes in arrangements, tied between Mrs. Mills and Mrs. Kern.





YOUR LIBRARY

Mrs. Wayne Schroeder
1739 No. 74th Court
Elmwood Park, Ill. 60635

Does your hobby offer you a challenge? Mine does. The first and foremost aspect of this challenge is finding the formulae for success in growing African violets and the second is that of conveying this interest in growing to others.

How can we interest others in the African Violet Society of America and our hobby? Give a program centered around slides from the AVSA Library! These programs have been so well received by so many clubs and individuals that they are a certain complement for your meeting. When a slide program goes out from the Library there is a "comment" sheet enclosed, which when filled out by the club representative, becomes a guide for future programs. The constructive suggestions and requests are a great help to the Library Committee.

There is more to come in programs on "Miniatures." Betty Weekes of California tells us that the response to her sharing of information with the AVSA membership in the African Violet Magazine on miniatures has been so gratifying that she will make material available for a second program on *the wee ones*.

The Trend Is Miniature

"*THE TREND IS MINIATURE*" is the program now available from the Library. Have you sent for this fine group of slides? There is a wealth of information on growing, grooming, and classification of miniatures and semi-miniatures in this program. Many clubs have not been privileged to know about these plants and therefore do not know how rewarding it is to work with them. Send to the AVSA Library, P. O. Box 1326, Knoxville, Tenn., 37901, and enclose your check for \$1.50 to the AVSA Library.

Granger Gardens is a familiar name to those who really enjoy their African violet hobby. The Eyerdoms who own Granger's have given us many new and beautiful plants. In checking the AVSA Registration List their hybridizations are legend. From these fine growers the AVSA Library has received slides to be made into a program that we are sure all of us will enjoy. Our sincere "THANK YOU" to the Eyerdoms for their generous donation.

Participate!!

Plans are formulated for the Library's

work at the AVSA convention at Milwaukee. Our work will be very simple if you the AVSA members bring all of the lovely ribbon plants! No show is truly representative of the organization unless it is shared in by all the members. Participate! The slides program of the convention *VIOLETS IN VACATIONLAND* will be available from the Knoxville office July 1. Send your requests in for this program now so you will enjoy seeing the highlights of this show while the memories are still new. Since we all look forward to having what is "brand new" in violets we will make the convention program "New Varieties" a must. Hybridizers have been asked to submit slides of their very finest new introductions to Mrs. Ethel Wittner who will give this program in Milwaukee. Watch for the announcement of the programs that will be available from these new introductions slides. We are all looking forward to a fine convention in Milwaukee in 1970.

SEE YOU IN MILWAUKEE!



RAINBOW'S END - - Featuring a huge rainbow of nylon net ruffles, the 12th annual show of Bergen County African Violet Society of New Jersey was held with Mrs. Edward W. Buschke of Hasbrouck Heights in charge of the display, theme for which was "Rainbow's End - - Violets." The stage was covered with pink plastic and skirted with nylon net in rainbow colors. The queen of the show was displayed at one end of the rainbow in a "pot of gold".

Few Violet Growers in Bahamas But New Society Is Organized

*Mrs. J. A. W. (Ann) Richardson
RR # 1, Box 70
Tavares, Florida 32778*

(This is the first of two articles concerning Mrs. Richardson's experiences in attempting to organize an African Violet Society in the Bahamas.)

In the fall of 1968 when my husband, having just retired, asked if I would like to go to the Bahamas where he was invited to establish a subsidiary bank and trust company for The First National Bank of Boston, my first thought was about whether there would be any African violeteers there. Inquiry brought a reply from Clarice Bell that there were two members of AVSA but no affiliated clubs. With these two names clutched in my hand, I happily looked forward to our stay on the island of New Providence, the principal city of which is Nassau.

Since John, the cat "Bitsy", and I drove down to Florida and thence went by ferry and plane to Nassau (the car by ferry, we by plane), I did not take any violets along. Not only would the ride have been too long for them but I did not know what rules, if any, the Bahamas might enforce with respect to plants.

Two days after our arrival there, I flew back to Boston where I, as president, presided at a dinner of The Bay State African Violet Society and handed over the gavel to my successor. At this time I determined to take a box of African violets back to New Providence with me to see what would happen. Upon arrival by plane in Nassau, the local customs inspector asked what I had in the box. Truthfully, I told him, "They are African violets." From the expression on his face I knew that he had never heard of them but did not wish to admit it, so, wishing to know what the score was on importing plants I explained that they were flowers and asked if there was any objection to taking them in. He said no and slapped the entry ticket on the box and I, all smiles, went home and put them on a Flora Cart which was already set up in our apartment awaiting them. The first person who came to visit, after admiring the plants, asked how I got them in. When I told him he said, "Oh, you should have had a permit and certificate of health for

them." Much later I learned that when importing plants from Florida, no permit is necessary but when plants come from any other state in the United States, a permit from the Bahamian Government is necessary. However, even Florida plants must have certificates of good health accompanying the plants.

Meets Violet Grower

I never did meet one of the AVSA members until I was about to leave because she was out of the country studying. The other happened to be the wife of the then Chief Secretary of the Bahamas, later Deputy Governor. Every time anyone saw my violets they always said the same thing, "Have you met Mrs. William Sweeting? I must see to it that you meet her." I was told that Mrs. Sweeting had a whole porch full of beautiful African violets and had quite a reputation for them. Naturally, I could hardly wait to meet her. When we finally did meet we became good friends immediately because of our mutual interests which included poodles and birds.

Unfortunately, Mrs. Sweeting, or Jean as I came to call her later, had been away from her home for some time and the gardener had been taking care of her violets. Need I say more? She had just about decided to give up the hobby when she saw my plants and was again inspired. We spent a long pleasant afternoon repotting and talking African violets, after which they once more became her pride and joy.

Before we went to live there, my husband while on a business trip to Nassau discovered that New Providence, being mostly coral rock, does not have any natural soil to speak of. Soil for plants is imported. With this in mind I looked into various soil-less mixes since I felt the ingredients being light could be imported more cheaply than regular soil. After I arrived I noticed that the stores were full of large bags of African violet soil, hard as a rock. I asked the salesman what it was used for and he said, "Oh, roses, begonias, geraniums . ." When I asked if anyone grew African violets in it, he admitted that they did.

In line with AVSA thoughts that one should never try a new method with an entire collection, I had given Jean some of the mix before we repotted her collection. However, there had not been sufficient time to determine how a soil-less mix would please her.

Takes a Chance

Nevertheless, because repotting was an absolute necessity, we decided to take a chance and use the mix. A few days after our session Jean said that most of the plants were limp. My first thought was, "Good heavens, I will have to leave the island if I have ruined all her violets." Then I realized that many of the plants had been double crown and had held each other up but now they had to gather strength to hold themselves up. We put collars on most of them and shortly they began to perk up and bloom and were absolutely beautiful.

I had had a secret hope to form an African violet society but I could not seem to meet anyone other than Jean, who grew them. Early in February, quite by accident, I saw an entry form in the newspaper for the first Kiwanis Agriculture & Horticulture Show. There were classes for African violets, single and double crown. This, I realized, would be the perfect way to meet other African violeteers. At the time I asked for entry blanks I also asked for permission to put in a display of African violets and an educational table. This offer was accepted and a nice large area assigned for the purpose.

Good Publicity

The local newspaper in its Roving Gardener column gave the show and my display some wonderful publicity part of which read, "Mrs. J. A. W. Richardson, an accredited African violet judge and judging school teacher of the African Violet Society of America will display some of her beautiful African violets." I took the Flora Cart and my violets to the show and arranged an educational table with AVSA literature, *The African Violet Magazine*, samples of soil-less mix and other things. Jean Sweeting added some of her lovely plants and was of great assistance in answering questions for two days, as was Mrs. R. K. Coggins, an English woman who at one time had hybridized African violets in England.

The three of us answered questions until we were exhausted. The response was terrific—they enjoyed the exhibit so much. The viewers thought they were gorgeous and wanted to know how to grow them. Many wanted to know what they were as they had never seen African violets before. They also wanted to know where to buy them but we could not tell them other than to suggest that they place an order at a local nursery or send for them via the mails. Everyone was given AVSA literature

and it is interesting to note that not a single sheet met the floor. Whenever anyone asked the kind of questions that indicated they were serious, such as where they could buy some, we took their name and address and this list was to be the nucleus of the club we later formed.

Plants Judged

Two gentlemen and I judged the two African violet classes at the Kiwanis show. The plants when judged by AVSA standards suffered greatly by comparison to the plants we have in this country. I could see that the field was wide open for education. The awards committee presented Jean Sweeting with an enormous cup for the Best Potted Plant in the Show, which was an African violet, and another cup was given to Mrs. Ulysses Davis for the Best African Violet in the Show.

After the show I invited those who had signed up to a meeting at our apartment. Once a month for about four months thereafter I lectured on how to grow African violets and had an enthusiastic audience. It was a most satisfactory experience for me because this was real virgin territory.

(To be Continued)



"VIOLETS IN THE LAND OF SUNSHINE" was the theme used by the Upper Pinellas African Violet Society of Florida for their tenth annual show. Left to right are Mrs. Jos. Jackman holding "Pac-O-Bloom" which won Jr. Queen, and Mrs. R. Yawger holding Queen of Show, "Black Night". Other winners were Mrs. Wm. Parkins in the artistic classes for "Theme of Show" and "Religious Theme"; Best miniature arrangement, 3 inches or less, Mrs. Lola Howdle; Shadow Box class winner, Mrs. Edna Luther. Mrs. Parkins was show chairman.

SAINTPAULIA SPECIES AND I

Mrs. Glenn B. Hudson
761 Belvidere
Westfield, N. J. 07090

(ED. NOTE: This is the third of a series of articles concerning Saintpaulia Species. Photographs of some of the species have been supplied by Joan Van Zele, official AVSA photographer.)

In my descriptions and comments I am reporting what the various species have done under my growing conditions . . . These, I am sure, may not be identical with what some other grower may have encountered as to color of bloom, leaves and other growth characteristics.

In my comments S. is used as an abbreviation for Saintpaulia. The name of the botanist who classified the species and the date of classification are given. The flowers for all the Saintpaulia species are single and this information has not been repeated when describing the flowers.



S. nitida

S. nitida **B. L. Burtt** **1958**

An upright single crown plant, petioles and stem brown. Suckers very freely forming on the stem where the peduncles grew. Lovely shiny almost hairless leaf with red reverse, some leaves may spoon. Many deep blue violet flowers produced on each peduncle. I like this plant very much.



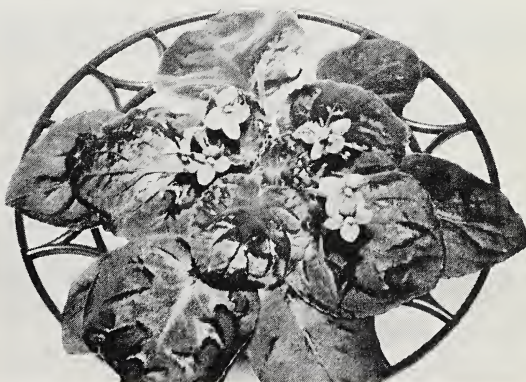
S. difficilis

S. difficilis **B. L. Burtt** **1958**

Upright single crown plant with long petioles. My plant has thin hairy pointed leaves, light yellow, green above with deeply veined pale reverse. This species has several strains, (I have grown two) and in mine the leaves may spoon. Flowers blue violet on strong peduncles appear in abundance. This is one of the most beautiful of the species and is easy to grow.

S. velutina **B. L. Burtt** **1958**

A single crown plant. Very dark scalloped leaf, very velvety looking with pronounced veining, red reverse. Small flower, medium violet in color, fairly free bloomer, however, for me they do not stay on as well as some of the other species. Under my conditions I find S. velutina rather hard to grow.



S. grandifolia

S. grandifolia **B. L. Burtt** **1958**

Large upright single crown plant with flexible petioles. Leaves paper thin, yellow green, pale reverse, ovate, lightly crinkled and large. Flowers bright blue violet color. Free blooming and a lovely plant.

S. intermedia **B. L. Burtt** **1958**

As this plant matures trailing characteristics develop. Leaf almost round, serrated,

olive-green reddish reverse with prominent greenish veins and flexible petioles. Flowers medium blue. Fair bloomer.



S. pendula

S. pendula B. L. Burt 1958

A multiple crown plant with creeping stems. Leaves heavy textured, deeply veined, light green, pale reverse. Flower medium blue, rather small and usually only one per peduncle, (sometimes in the spring I may get two), therefore the average plant, which may be large, has very few blooms and in my opinion is not a very attractive plant.

S. teitensis B. L. Burt 1958

A single crown upright growth plant. Leaves dark green, shiny, beautiful red reverse, petioles red and long. My inside leaves are convex and the outer ones spooned. Flowers are supposed to be medium violet blue with darker eye. My two plants are very healthy but in a year and a half, while they form suckers constantly at the base of the petioles, I have not been able to get either to bloom.

S. magungensis var minima B. L. Burt 1958

Multiple crown trailer with creeping reddish stems, brown petioles. Leaves thin small and cupped down. A smaller edition of *S. magungensis* in many respects. Flower small medium blue violet with darker eye. Mine never have more than 2 blooms per peduncle so is a very shy bloomer. Requires more humidity than most violets.

S. pendula var. kizarae B. L. Burt 1964

A trailer type with stems growing more upright than *S. pendula*. The upright growth makes for a more compact and beautiful plant. Leaves are smaller, thinner and darker. Flower is medium in size, medium blue with 2 to 4 per peduncle.

S. rupicola B. L. Burt 1964

Naturally a single crown plant with a tendency towards slanting growth and to sucker. Normally a good loose rosette. Leaves shiny, medium green, lighter reverse with

brown veins and long petioles. Flower light medium blue of medium size. Fairly good bloomer. A lovely plant if it does not grow too sidewise or sucker too much. My first plant did not sucker, however all since the first do sucker.

S. orbicularis var. purpurea B. L. Burt 1964

Upright growth, single crown plant. Leaves thin, shiny, round and medium green with brown petioles. Flower quite small, quite deep purple, (purpurea) many per peduncle. A nice looking plant and easy for me to grow. I like this plant.

S. brevilipecta B. L. Burt 1964

Naturally a single crown plant with a rather small bunchy rosette due to the petioles curving in any direction, (clockwise or counter-clockwise) around the stem. Curving of the petioles more pronounced in the older leaves and contributes to its compact growth pattern. One of the least attractive of the species. Leaves are very thin, light to medium green with pale reverse, roundish and some are cupped. Flowers small, medium blue violet. Peduncles very short, a maximum of 4 blooms per peduncle. For me the plant is a continuous bloomer but due to the short peduncle, many of the flowers are hidden under the leaves. Mine has never suckered. Very fast propagator.

(To Be Continued)

LEGEND OF THE VIOLET

That first glad Easter morn
When earth united to rejoice
Christ walked into a garden
And each flower raised its voice.

And as they sang their hymn of joy
With happy, sweet accord
A little violet tried in vain
To see the risen Lord

And as He came, the violet sighed,
"If only I could be
As tall and bright as other flowers,
Then He might notice me!"

But when He reached the violet,
The Saviour paused awhile
The violet blushed and bowed its head
Beneath the Master's smile.

And it really didn't matter,
Not being grand and tall
For Jesus loves all living things
However great or small!

(From a newspaper clipping)



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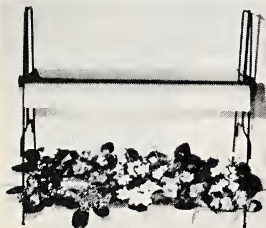
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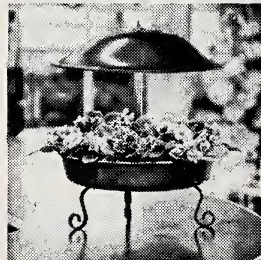
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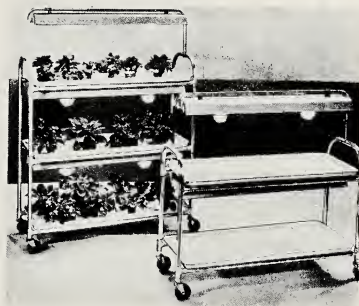
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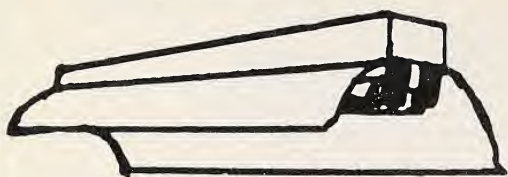
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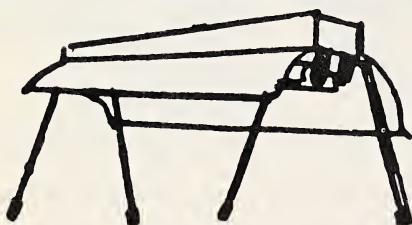
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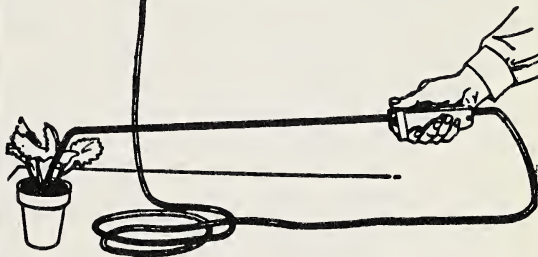
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Single Winners From Many States

One-trophy winners at the 1970 Milwaukee Show where hundreds of African violets were on display ranged from Florida to Michigan.

Mrs. Frank S. Huebscher of Panama City, Fla., received the Erffmeyer & Son, Inc., award for her "Winterland," the best artistic planting in class 35.

The Maisie Yachie award fell to Mrs. R. E. McCabe of Grand Rapids, Mich., with her "Pink Rhapsody" and Mrs. Albert Blouw of Rockford, Mich., won the Oconomowoc (Wis.) AVS award for the best entry, class 25, plants in unusual, decorative or novel container.

Missouri chalked up three single winners, two of whom were from St. Louis. Mrs. Edward A. Nelson of St. Louis received the Atty. and Mrs. Daniel H. Eberhardt award for best artistic planting, class 31, "North Woods Beckon," and Mrs. Elmer Kramer of St. Louis won Kolb's Greenhouse award for the best specimen plant, "Lavender Fringe." The third Missouri winner was a man, Roger Drury of Genevieve, who took the African Violet Society of Minnesota Upper Midwest Area award with "Christmas Holly."

Double Black Cherry

Single winners from Milwaukee were Les Sucherski, who won the Stim-U-Plant Laboratories, Inc., award with his "Double Black Cherry," and Mrs. Henry Mergemann who received the Indianapolis African Violet club award for the best sport with sport of "Candy Lips."

The New York winner was Ellie Bogin of Long Beach, who took the St. Louis Judges Council silver award with "Mini Mignon" for the best specimen plant, miniature class 23.

Illinois placed three single winners, Rose Bogda of Chicago, whose plant "Vanity Fair" won the Milwaukee AVS silver award for the best single pink, class 3; Elaine Gordon of Elgin, whose Streptocarpus "Constant Nymph" took the Countryside AVC, Oregon, Wis., award for the second best Gesneriaceae, Class 30; and Mrs. Andrew Alt of McHenry who won the Erffmeyer & Son Co., Inc., silver award for the largest blue ribbon specimen plant. Her entry was "Pink Fandango."

New Jersey single winners were Mrs. Charles Hyer of Trenton, who received Benke's Greenhouse award for "Columnea Cascadilla," the best specimen plant in the Gesneriaceae, class 30; and Mrs. Eleanore Crammond of Bogata, who won the Bergen County AVS (Hackensack, N. J.) award for the best specimen plant of "Bergen Strawberry Shortcake."

Purple Rhapsody

Judith B. Oastheimer of Glendale, Pa., took the best specimen plant award, single purple, offered by the 1st AVC of West Allis and South Towne AVS of Milwaukee with her "Purple Rhapsody."

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Home Sweet Home for Your Violets

by
Louise Barnaby

R.R. #3
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How many of us decide that we aren't "lucky with violets" when "Persian Swirls" and "Golden Nugget" refuse to perform according to the photographs in our AVSA magazine? If the truth were known, there is always some reason for bunched foliage, too-crisp leaves, scanty bloom, bleaching of leaves, excessive loss of outer leaves, spots, streaks, deformities and so on, ad infinitum.

Mrs. Bertha Kelly of Kalamazoo has about 400 plants and they reflect the excellent daily care she gives them. She and I have traded varieties since 1963 and have spent many hours together discussing methods and materials, triumphs and defeats.

Recently Mrs. Kelly has noticed that blooming has slowed and the outer leaves of her plants have begun to bleach. The rest of the leaves seem brittle and don't grow as large as they did. The plants under fluorescent lights were affected more than those grown in natural light.

We examined them closely and could see no evidence of mite or any other infestation. The root systems were lush and unknotted although they were brownish in color.

Mrs. Kelly uses V-C 13 and sodium selenate regularly and fertilizes at every watering with a dilute solution of Plant Marvel. The plants are potted in Black Magic African Violet Mix just as it comes from the package. The lights are 40-watt cool-white tubes placed 11 inches above the tops of the plants and are timed for 16 hours a day.

Tests Made

Soil acidity could be responsible, we decided, although Black Magic has always been considered an excellent potting medium. We dug some soil from the rootballs of several plants and stirred it into separate containers of distilled water. Then we placed pHDrion Control tape (Micro Essential Laboratory, Inc., Brooklyn 10, N.Y.) in each container.

In every case, the tape turned brilliant yellow, a hue completely off the color chart, indicating a pH of less than 5.6. We assumed that the breakdown of humus in the rootballs had produced the extreme acid condition.

"Why not test the Black Magic that is still in the sac?" Mrs. Kelly asked. She wanted to see how far down the scale the mix had gone.

A clean cup of distilled water with fresh

Black Magic was prepared and a tape inserted. We could hardly believe our eyes. The same yellow appeared that we had seen in the rootball tests.

We immediately set about correcting the pH of the unused mix, adding more and more ground limestone and testing each time. It took 2 tablespoons of limestone to bring the pH of 2/3 of a 69¢ sack of Black Magic up to 6.4!

Mrs. Kelly ceased fertilization and is watering each time with 1 teaspoon of limestone added to each gallon of water. If and when improvement is noted, we will test again and decide whether she should resume regular fertilizing.

Extreme Acidity

The extreme acidity of the potting medium had apparently made food elements unavailable to the plants, causing their symptoms and stopping growth. Fertilizer salts seemed to have built up to the point where they were damaging the roots.

What have we learned from this experience? First, plants grown under fluorescent lights will show evidence of starvation before those grown in natural light. Second, the African violet is indeed an adaptable plant, able to live and bloom to some extent in an environment not to its liking. Third, never, NEVER assume that any one brand of purchased mix is just what your violets need.

A soil acidity tester is offered by Bernard Greeson, 3548 N. Cramer, Milwaukee, Wisconsin 53211, for 98¢ postpaid. Even if you have only a few plants, test your soil for acidity before you pot them up. And keep the sack of ground limestone handy.

Did You Know . . .

That C. Jameson, 5924 First St. No., Arlington, Va. 22203, would like an exchange of ideas with other growers concerning their facilities for growing violets in small apartments? Space in such is at a premium and he'd like to know how others are contriving accommodations for more than a mere handful of plants on windowsills and furniture surfaces.

HOBBY HINT

When you are washing clay pots and the soil salts won't come off — soak the pots overnight in a vinegar water solution. This will soften the crust so that it can be scraped or brushed off and the pots look new again.

Honor Roll Of African Violets

Mrs. R. V. Lahr
BEST VARIETIES COMPLIER
3559 East Easter Ave.
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Black Magic No 32 (Granger Gardens)
Boyce Edens No 73 (Mrs. Sam O. Nichols)
Navy Bouquet No 407 (Frank A. Tinari)
Pink Cheer No 460 (John R. Gent & Son)
Ruffled Queen No 558 (Ulery's Greenhouses)
White Madonna No 670 (Granger Gardens)

1961

Blue Peak No 862 (Ulery's Greenhouses)
Brides Maid No 876 (Ulery's Greenhouse)
Bud's Strike Me Pink No 1093 (Granger Gardens)
Cavalier No 89 (Granger Gardens)
Crusader No 867 (Ulery's Greenhouse)
Cydonia (Tonkadale)
Dixie Moonbeam No 707 (R. A. Brown & Sons Co.)
Double Pink Cloud No 187 (Lyndon Lyon)
Emperor Wilhelm No 205 (Mrs. Arthur A. Pyle)
Evelyn Johnson No 757 (Lyndon Lyon)
Granger Garden's Blue Nocture No 925 (Granger Gardens)
Granger Garden's Blue Pom No 1014 (Granger Gardens)
Holiday No 752 (Lyndon Lyon)
Mary Thompson (Granger Gardens)
Ohio Bountiful No 419 (R. G. Baxter Greenhouse)
Painted Girl No 443 (Ulery's Greenhouses)
Pink Ideal No 469 (Tonkadale Greenhouses)
Sea Sprite (Granger Gardens)
White Pride No 872 (Ulery's Greenhouses)
White Pride Supreme No 869 (Ulery's Greenhouses)
White Puff No 1096 (Granger Gardens)

1962

Bud's Kimberly No 938 (Tay-Bow African Violets)
Double Black Cherry No 1178 (Omaha A. V. Club)
Fascination No 219 (Mrs. R. W. Niedert)
Fischer's Fire Dance No 885 (Fischer Flowers)
Granger Garden's Santa Marie No 931 (Granger Gardens)
Iris No 792 (Richter's Greenhouse)
Lorna Doone (Granger Gardens)
Meteore (Tonkadale)
Pink Miracle No 883 (Fischer Greenhouses)
T-V Vallin Pink No 820 (Violet Treasure House)
Valor No 794 (Richter's Greenhouse)

1963

Fringed Pom Pon (Vallin)
Granger Garden's Dorothy Gray No 1079
(Granger Gardens)
Naomi's Afterglow No 1000 (Naomi's African Violets)
Redderness (Lyon)
So Sweet No 973 (Select Violet House)
Sparkling Waters No 807 (Madison Gardens)
Wilson's Lovely Lady No 971 (Wilson Bros.)

1964

Angel Child (Vallin)
Beaming No 972 (Select Violet House)
Blue Boy No 41 (Armacost & Royston)
Calumet Beacon No 85 (Richter's Greenhouse)
Cindy (Naomi)
Coon Valley No 955 (Wilson Bros.)
Granger Garden's April Love No 1078 (Granger Gardens)
Granger Garden's Matchmate No 1018 (Granger Gardens)

Granger Garden's Pride of Rochester No 1218
(Granger Gardens)
Granger Garden's Shag No 1087 (Granger Gardens)
Richter's Wedgewood No 1140 (Richter's Greenhouse)
Wintergreen No 878 (Ulery's Greenhouse)
Wintry Rose No 1111 (Wilson Bros.)

1965

Isle of Dreams No 1187 (Lyndon Lyon)
Jubilee (Naomi)
Lilian Jarrett No 1060 (Tinari Greenhouses)
Richter's Charm Song No 1137 (Richter's Greenhouse)
Shrill (Lyndon Lyon)
Smoke Rings (Vallin)
Ulery's Trifari No 1234 (Ulery's Greenhouses)

1966

Bloomin' Fool No 1473 (Richter's Greenhouse)
Blue Chips No 1340 (Naomi's African Violets)
Fandango No 1782 (Granger Gardens)
Flash (Lyndon Lyon)
Fleet Dream No 1131 (Select Violet House)
Glad Rags (Lyndon Lyon)
Granger Garden's Angela No 1210 (Granger Gardens)
Granger Garden's Blue Modiste No 1449 (Granger Gardens)
Granger Garden's Fair Elaine No 1217 (Granger Gardens)
Granger Garden's Snow Ballet No 1219 (Granger Gardens)
Hi Hopes No 1303 (Lyndon Lyon)
Oriental Red No 1304 (Lyndon Lyon)
Richter's Green Dawn No 1138 (Richter's Greenhouse)
Richter's Red Crown No 1180 (Richter's Greenhouse)

1967

Delft Imperial No 1326 (Granger Gardens)
Granger Garden's Fury No 1216 (Granger Gardens)
Granger Garden's Never Lovelier No 1213
(Granger Gardens)
Granger Garden's Sweetheart Blue No 1225
(Granger Gardens)
Granger Garden's Top Sail No 1212 (Granger Gardens)
Paul Bunyan (Lyndon Lyon)
Sea Grape (West)

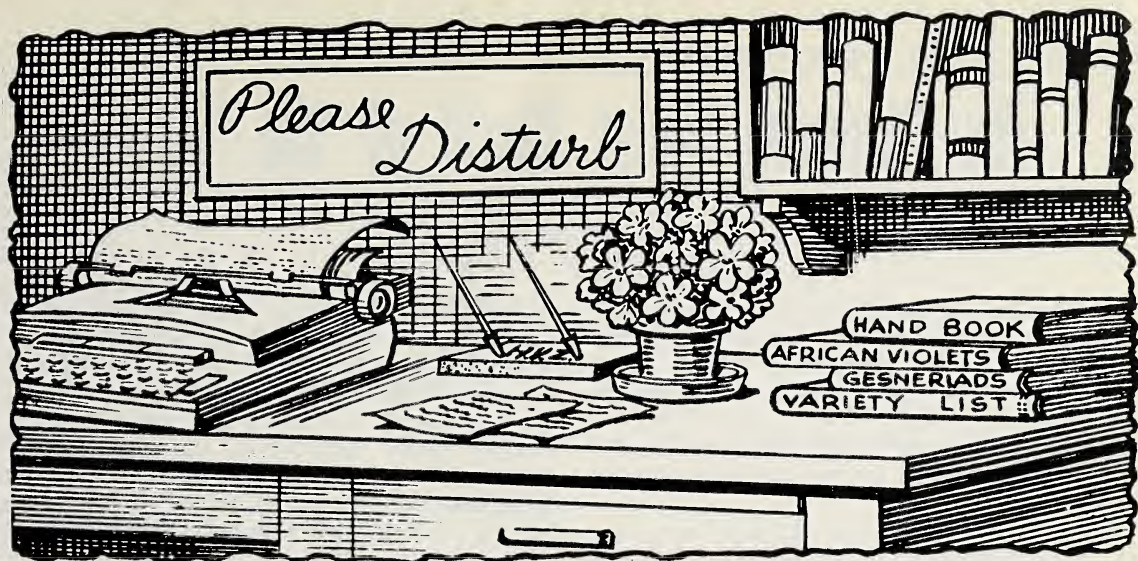
1968

Christmas Holly (Reed)
Champion's Water Lily No 1289
(Champion's African Violets)
Silver Crest No 1161 (Mrs. Duane L. Champion)
White Perfection No 1471 (Lyndon Lyon)

1969

Tommie Lou No 1744 (Oden)
Peak of Pink No 1467 (Lyon)
Master Blue No 1465 (Lyon)
Candy Lips No 1461 (Lyon)
Clipper No 1724 (Lyon)
Crown of Red No 1462 (Lyon)
Plum Tip No 1468 (Lyon)
Leawala (Lyon)
Full Stop (Lyon)

(After appearing on the Best Varieties List for five consecutive years, a variety is placed on the Honor Roll. In 1969, for the first time, Honor Roll varieties receiving 50 or more votes appear on the Best Varieties List.)



Each and Every Member: The greatest privilege an individual can have is to serve in a cause bigger than himself. By accepting the office of President of AVSA, that privilege is now mine and I am honored. The trust which has been placed in my hands does not perturb me because I know that each and every one of you will share it with me.

Along with the responsibilities of a newly elected officer come new hopes and new goals to be attained. In the months ahead you and I will work especially for the continuing growth of our Society, unity and good will among the members, receptive attention to the hopes, plans and ideas of our fellow members, and appreciation for those who have brought us to this point in our development. They have directed our affairs and smoothed our way with skill and unselfishness.

But hear this: it is not just the President, the Officers, and Board of Directors who make AVSA: it is YOU, the members—and Dear Members, you are the MOST! The membership dues go up—as does everything else—but you keep right on faithfully serving AVSA. Our 12,000 membership is not only holding but increasing, and YOU have done that.

But we must not become complacent: we must go forward—and together. I want your ideas and suggestions as to how this can be accomplished. I want to become acquainted with each and every one of you. Write to me—tell me about your violets, your family, your cat—anything, just so we can know one another. It is surprising how articles for the Magazine can spring from a conversation with, or a letter from, a friend. Each of you has a unique contribution to make and little do you realize the importance of your individual contribution. So, PLEASE DISTURB—because you won't be disturbing me at all, and you will have a prompt reply from

Your President

Helen Van Gele

The Blooming Violet World of the '70's

By *Lyndon Lyon*
14 Mutchler Street
Dolgeville, N. Y. 13329

The most spectacular new development in the violet world in the 70's are the new "Tommie Lou" variegated type violets. They have the deepest bluish purple and wine red flowers both in singles and doubles. The foliage is beautifully variegated just like "Tommie Lou" and the flowers are big and held strongly above the foliage.

This is really a break through as no one else has succeeded in crossing on "Tommie Lou" without losing the seed pods before they ripen. Harold and Cordelia Rienhardt of Rienhardt's Landscape and Garden Center, Syracuse, N. Y. made the cross and I grew the plant on and planted the seed. The resulting plants are very fertile and there will soon be all colors on this beautifully variegated foliage. This started last spring when we were up to Rienhardt's to pick up our display from the A.V. show of the A.V.S. of Syracuse. I was very surprised when Harold showed me a plant of "Tommie Lou" with fat seed pods he had in their breakfast nook. He said, "I crossed it with Purple and Gold. Take it home with you and see what you can do with it."

In due time the seed ripened and I planted them 6-11-69. They came up in about ten days and most of the seed leaves were white. I was afraid of losing them. I moved the seed dish a little to the side of the fluorescent light and they greened up again and grew very vigorously for variegated plants. By the middle of January, six months later, we had 43 very beautifully variegated "Tommie Lou" seedlings in four-inch pots mostly in full bloom, $\frac{1}{4}$ double bluish purple, $\frac{1}{4}$ single same color, $\frac{1}{4}$ double wine red and $\frac{1}{4}$ single same deep color. Some of these original new "Tommie Lou" varieties will be for sale some time in the latter part of next year 1971.

Exciting Innovation

Another exciting new innovation in violets in the 70's will be new "Trailing Violets" for hanging baskets, pedestals and large pots. They will be in all colors, big double and single stars and violet type flowers. They will really trail as much or more than S.grotei, the wild trailing violet from Africa, which furnished the genes for trailing.

These plants will be especially vigorous

and free blooming with large colorful flowers and beautiful foliage. There will also be miniature trailers with tiny foliage cascading over the sides of pots and baskets.

The key to all this is already here, rapid trailing glossy dark-leaved star pinks which can be out-crossed to pick up wanted characteristics and back crossed to the pink star trailer for the trailing characteristics. None of these are for sale yet. They will first appear in the latter part of '71 or in '72.

New Miniatures

New miniatures are coming, some with white (dogwood) spots on the tips of the petals and some derived from Specie crosses, crosses X S.orbicularis, S.nitida, S.magungensis, S.grotei and S.shumensis. They will be especially free blooming and hardy.

Standard varieties are not to be outdone and the most vigorous free blooming types with really huge flowers will steal the show from the older varieties. Several of these have a very interesting pedigree. The grandparents on the mother's side are "Jump Up X Happy Time" and on the father's side are "Jolly Giant X Magnifica." "Jolly Giant" and "Jump Up" have S.grotei as an ancestor. S.grotei transmits great vigor to its progeny.

We enthusiastically predict that the 70's will bring the greatest progress yet to the blooming Violet World.

NEW COMMERCIAL MEMBERS

Blades Violetry
Rev. Charles Blades
Route 2, Box 295
Strafford, Missouri 65757

Albert Kehl Florise
4214 Cleveland Ave., NW
Canton, Ohio

W. A. Rhoads
5852 Stow Canyon Road
Goleta, California 93017

The Green House
Mrs. Carol Anderson
9515 Flower St.
Bellflower, Calif. 90706

Flora Greenhouses
P. O. Box 1191
Burlingame, Calif. 94010



On Eight-Foot Windows



Enjoy Reflected Light

Musings from the "Mini-Mam"

Mrs. Roy (Betty) Weekes
Chr. Miniature & Semi-Min. Class.
 1356 E. Cypress
 Glendora, Calif. 91740



There is a little story that goes with the accompanying pictures that I'd like to share with you. This is a part of an eight foot window in the combination study-sewing room-business office of my home. The big window faces the north.

This is where I grow many of my miniatures and semis. While California has quite a lot of sunshine and we do get good reflected light in a north window in the summer time, it is not quite so good in the winter-time when the sun rides low in the southern sky. Quite by accident I parked my white car in the drive and then noticed the sun reflected off it right back through the window onto my plants most of the day. Soon they were blooming like this. Unfortunately we bought a new green Pontiac—and there went most of my good reflection! Now my good neighbor drives her white station wagon over in my driveway when she is going to be home all day and it does help. How's that for a wonderful neighbor and a good violet yarn?

Let's get a few things squared away. First, my apologies to you for taking some spelling short cuts in the January issue. Tutone should be spelled two tone and lite should be spelled light. Unfortunately time got pretty short and the short cuts we use on information on the cards got copied verbatim. Let's all try to do it right and be consistent about it. A couple

of little printer corrections also. The fourth one on the list should be "Casu Small" and the hybridizer for "Little Eva" should be Mae's instead of Maas. I'm happy to report that I got "correction" mail on both so I know I'm being read pretty carefully—at least by some folks. And, of course, Frathel's "Tiny Bubbles" has pink blossoms.

Do hope you noticed in Adele Tretter's column in the January issue that Kramer's have changed the registration of both "Hawaiian Eye" and "Little Busy Bee" from miniature to semi-min. They were good enough to also inform me and I do so appreciate it. Also Tinari's have changed the registration of "Pink Diamond" from semi-min. to standard. I'm real happy to change that one because every one of my "Pink Diamonds" (six in all) grew larger than semi, and I did hate to include it in the list, but that is what you all told in your reports. With this change, let's all go along with Tinari's and show it as a standard.

It would help very much if more of the hybridizers would correct obvious mistakes in their early classifications. We'd be that much closer to the time we could assemble that GOOD Miniature and Semi-miniature list.

Keep the mail coming. I want to know what you are growing and how they are growing for you.

Have you heard this one: "What will kill a mite—might kill a human." So watch your use of chemicals.



(Sketched by Mrs. Dale H. Brown, Albert Lea, Minn.)

Another Bloom On BF Violet

Mrs. M. E. Garner
Booster Fund Chairman

We've had another blossom come into bloom on our Booster Fund Violet since the last report. Our grand total to Nov. 30, 1969 was \$2,637.79. Since then we have received the following contributions:

Mrs. H. Nicholas, Jenkintown, Pa.	\$25.00
Mrs. Harold Rienhardt, Syracuse, N. Y.	10.00
Alva Conklin, Woodridge, N. J.	5.00
Mr. and Mrs. Glen B. Hudson, Westfield, N. J., in lieu of speakers' fees	10.00
Mrs. Ruth K. Millikan, Dallas, Texas, in lieu of speakers' fee	5.00
Mrs. Anne Tinari, Huntingdon Valley, Pa., in lieu of teacher's fee from AVS of Philadelphia	40.00
Mrs. E. R. Rowley, Saddle River, N. J.	5.50

The total now stands at \$2,738.29.

15-Year-Old Wins At First Show!

Judy Ströske
7314 Jarvis Street
Springfield, Virginia 22151

The oft repeated phrase, "Don't be afraid to show", may open a new and exciting world for you as it did for me. I am 15 years old and have been growing African violets for two years. The first show I entered was at an AVSA convention.

I prepared to bring six of my best plants, but since I'd have trouble with them on the train, my mother suggested that I only take two. I chose "Diane's Delight," a double pink two-tone, the first plant I owned, and "Herkimer Girl," a single purple I had brought from California the preceding August. I carefully packed them in a large cardboard cat-carrier for the long trip from Virginia.

When I arrived at the convention headquarters to enter my plants, I had visions of blue ribbons and trophies dancing in my head, but as I saw all the other lovely violets brought to the entry desk, I thought: "Well, maybe I'll get a second, or maybe third, if I'm lucky." By then, my darlings were entered and there was nothing more I could do but wait.

The next morning I attended a workshop on arrangements. Even though I had much to learn about flower arranging, I couldn't concentrate. I grew nervous and excited. As soon as this was over, I would find out if my plants had won! Finally the workshop ended and I walked cautiously to the showroom. There I saw the most gorgeous display of Saintpaulias I had ever seen! I thought for sure I would recognize my unprofessional violets among all those experienced beauties, but I couldn't! After five minutes of searching, it dawned on me to look for the class number on the entry forms. Finally, I found Class 16, in which I had "Diane's Delight" entered, and there, to my complete amazement, hung a red ribbon!

I went numb from the pleasant shock and walked across the room in a daze to find "Herkimer Girl." There beside her was a beautiful blue ribbon!

Now I hope all the violet growers, who have never entered a show because they thought their plants weren't good enough, have learned a lesson.

If my African violets can win, yours can too.

Judges Have Problems, Too

H. O. (Bud) Feddersen of Portland, Oregon, says judges have problems in his part of the world.

"We have several African violet judges in our club but we're so isolated here in the West, we don't have the opportunity to judge as much as we'd like."

Four clubs hold shows in the area — the Seattle, Longview, Vancouver (B.C.) and Portland African Violet Societies. These four clubs have a Judges' Council which meets at least twice a year to discuss questions, mutual problems and keep informed about events in the area.

"Some of us do not get the chance to judge at all in the three years before our certificate expires. This is indeed a big disappointment and, in the past, has kept some from repeating judging school and others from participating in them.

"But even with our disappointments and disillusionments along this line, the African violet is still our number one houseplant, both in our homes and in our hearts."

IT ALL BEGAN IN 1946

Here's How Story Of Yellow African Violet Started

By Charles J. Hudson, Jr.

It all started back in in 1946 when the first big African violet show was staged and the national society was organized. That was on October 9 and 10.

Little did we know what impact this show would bring upon this house plant that was just beginning to become noticed among plant fanciers throughout the country. Sure, there had been some African violet clubs organized prior to that date; and we did sense a rapidly rising interest in this favorite type of flower.

The spark for the new and very rapidly growing plant society was ignited when a small group of growers in Atlanta, Georgia, decided to stage an all-African Violet Show at the H. G. Hastings Co. showroom in that city. Plans were made for various classes. Variety lists were relatively small at that time. Some publicity was given about the show, but mainly through letters to some of the main growers and collectors throughout the country. We expected to have perhaps 500 to 1,000 people to see the exhibit.

The entire group of local people involved in staging the show was nearly mobbed when showtime came around and when almost 10,000 people stormed the doors to see these plants on display. When interest then seemed so great the national organization was immediately formed.

Getting back to the show, on October 9 and 10, 1946, the H. G. Hastings Co. seed store had to be literally closed down as far as normal business was concerned. There wasn't even room for anyone on the floor because of the huge crowd of interested spectators. I remember when most of our store personnel had to stand on counter tops to get out of the rushing mob.

Soon after the opening on the first day of the show, Atlanta police patrols were called out to handle traffic and the resulting crowd. They chastised us for not checking with them before the show opened, but we had no idea of such great interest and attendance. Enthusiasts came from 12 states.

At that time there were only a few commercial growers of African violets and their relatives in the Gesneriad family. It became more or less a swapping proposition to build large variety collections which made it neces-

sary for collectors to correspond with each other and exchange varieties, or leaf cuttings, and thus innoculating one another with their particular enthusiasm for African violets.

'Leaf Snitchers'

This same situation presented another problem with our first national show. Far too many persons were collecting their own leaf cuttings from plants on display. Some plants were almost stripped clean of their foliage as pocketbooks became depositories for snipped-off leaves. Finally, police again had to be called on to keep a sharp eye on these 'leaf snitchers' to protect plants of exhibitors. At later shows fencing was installed to provide space enough between exhibits and onlookers.

Someone started the story at the show that there was a yellow African violet. The news spread rapidly, and everyone was looking for a plant with that elusive color, but it could not be found. Finally, we found the cause for all the confusion . . . someone had stripped the petals off one plant on display, leaving only the yellow anthers. That was enough to start the story of the yellow African violet.

That first show in 1946 spearheaded intense interest in African violets throughout the country and in Canada and England. Other national shows soon followed, the second also being held in Atlanta the following year of 1947, but with better preparation in every respect after our first experience. This led to state and regional shows that have increased in popularity and numbers as the years progressed.

Few Varieties

Variety selections in 1946 could fill one typewritten page, but look at the vast number we have now! It all started with the Blue Boy and Girl types as well as some of the original species and earliest varieties. Doubles were just beginning to get started; and those variegated leaf forms were still quite a novelty. There were no miniatures then.

It is a long look back to the beginning of our national society and the intense interest build-up in African violets, but actually it hasn't been so many years back when we think of it. A committee headed by Mr. W. D. Holley of Cromwell, Conn., started the work of classifying African violets in an effort to standardize variety names of all the types in existence then. Of course this is now a very important phase of AVSA today with the hundreds of new varieties being introduced each year.

Fertilizers are kindred to our table salt. When used sparingly, fine—too much is too much.

HOLD IT!

Lillian Lewis Bodine
407 East Argonne
St. Louis, Missouri 63122

The African Violet Magazine is always filled with wonderful information about the propagation of African violets by a simple method involving a leaf from a well loved plant and very little trouble or time. Gardening magazines frequently have material about an easy way to fill your home and that of your friends with these lovely plants. Well! It is time that somebody tells the world that it IS possible to have as few as THREE violet plants without the owner having to prove that she is a citizen in good standing even if she sticks to this minimum. Violet growers somehow all too often prove that they can grow and GROW and GROW even when there is a plant housing problem. Many homes have so many violet plants that there is little room for any other kind of plant or any other kind of decoration. It is time that those who love violets but won't move out to give them room, speak up.

I love African violets. I like to arrange the flowers and to combine these delicate little beauties with other plant material to make bouquets for home or to give to my friends. However, I only want to grow about three plants. It is as hard to do this as it is to make the proverbial attempt to eat 'only one potato chip. But if you try hard to keep your mind on what you are doing, you CAN overcome any tendency toward violet addiction. In any case I have limited space for plants and I enjoy contrasting leaf shapes and plant structure so I do not want all of my house plants to be of one kind. I DO want some healthy violet plants which will give me plenty of bloom so that I can pinch off one or two stems now and then to use in an arrangement. For this reason I have learned to dispose of a plant that doesn't earn its way.

Dispose of Them

I had help in learning to control any idea of hoarding an unhealthy plant. A long time ago I was given a beautiful violet plant by a dear friend (our own Neva Anderson). I suffered and bled over this plant and every time a leaf drooped I used all of the remedies I'd ever heard about. The plant continued to suffer and one day when Neva came by she said, "What would you have done if I'd sent you a box of cut flowers?" When I said I'd have disposed of them long ago when they faded, she said, "Then use that same method on the

violet." Well—from that moment I ceased to be a slave to any growing thing. I keep violets until they are too shabby and then OUT with them and I get another and keep my total at three. No—I do not replace the one I gave up with another of the same kind. I pick and choose until I find one that is worthy of being in such select company and try to grow it. I have favorites and some are old well loved varieties and others are newer but frequently they are gift plants and new to me and that is fun, too. I don't mean to be so arbitrary about the number three that I would refuse a beautiful plant if my quota were already filled, but I do mean that I would make no effort to propagate plants no matter how beautiful unless I wanted one just like one which was on its way out. In that case I might grow a second in order to preserve a special shape and color of plant and bloom.

In deciding for yourself how many plants you can cope with, there are three elements to be considered: time, space and energy. If all of these are unlimited in your life, you can grow violets by the dozens or hundreds and all is well. But, if there is a limit to your supply of any one of these elements, you need to be careful. Don't let your plants become a burden. You may have all the time in the world and plenty of energy but if you lack space you should limit your plants to the number that looks uncrowded. Crowded plants look uncomfortable and can not develop their greatest potential.

Few Are Better

If you have limited time for your plants you should decide how many you can care for without pushing yourself or neglecting some phase of their culture. A few well grown plants are infinitely superior to many shabby and neglected ones. If you have plenty of space and time but there are many places where you must expand your energy, then be very sure that you don't let your plants become too demanding. All the joy can go out of working with something as lovely as violets if you are too exhausted to enjoy every minute of the time you work with them.

Limitations of YOUR time, of YOUR space and of YOUR energy are what can tell you how many violets you can grow without the sacrifice of either the plants or of time and energy. If violets are grown for the sheer joy of it, they should not become a burden in any way. Grow the number that is comfortable for YOU and let it go at that.

WARNING!

Always isolate new plants! Keep them in isolation until you're sure they're not diseased or infested.

Men Take Multi-Awards At Show in Milwaukee



HE'S TOP WINNER — Alfred Alf of Beloit, Wis., was winner of top honors at the Milwaukee convention Show. Alf was one of a number of men who walked off with many of the awards in the amateur division. (Photo by Joan)

Have you ever judged? If you have then you know what a tremendous task the judges have at a national convention. And the 1970 show was no exception. There were hundreds of beautiful plants on display. There were commercial exhibits with the newest seedlings. All were worthy of praise. The judges started at 2 p.m.—and when the show opened at 9:30 there was still much work to be done.

The men seem to be taking over African violets—if honors are an indication. Last year a man walked off with the top awards. This year Alfred Alf of Beloit, Wis., did right well by himself. His African violet, "Fandango" took the top award, a plaque and \$50 from Stim-U-Plant Laboratories, Inc. His "Count Down" won the Sylvania Gro-Lux award for the best geneva edged; and his two miniatures "Baby Dear," and "Tiny Blue" carried off the Lyndon Lyon Award in the best "Baby Dear" class and the Wauwatosa, Wis., award for the second best miniature. Then with his total of four blue ribbons in the mini and semi-mini classes he received the African Violet Society of Greater Kansas City Award, given in memory of the late Keith Meyers; the Helen and Joan Van Zele Award for 21 blue ribbons in the specimen classes 1 through 26; and the Stim-U-Plant Laboratories, Inc., award for the best white with his "Butterfly White."

The Wisconsin man also won the AVSA

silver cup for the best registered name variety with "Fandango," and the Gold Rosette Award for "Easter Bonnet," "Fandango" and "Emperor," the best collection of three registered different varieties.

Pussy Cat

Howard Guersney of Chicago, Ill., went home with eight awards and won the silver trophy, given by Mr. and Mrs. Fred Esser of Hartford, Wis., for the second highest number of blue ribbons in the specimen classes 1 through 26. His other trophies included the Atlas Fish Fertilizer Award with "Pussy Cat," the Stim-U-Plant Laboratories, Inc., award with "Jake," the Lyndon Lyon award with "Butterfly White," the Estah Cummings award with "Jan Vari" and the silver award from the Rainbow Violeteers with "My Darling."

The Purple Rosette Award for the second best collection of three registered different varieties also fell to Guernsey with his "Tommie Lou," "Butterfly White" and "Captivation."

Mrs. F. H. Rieber of St. Charles, Mo., chalked up five prizes for her entries, chief among which was the Metropolitan St. Louis African Violet society's silver trophy for most blue ribbons in arrangements and artistic plantings. She took top honors for her "Lakes Sparkle" as the best entry in the artistic plantings and received a silver tray from the New

Jersey Council of African Violet clubs as a memorial award to the memory of Mrs. Victor Gaug. Her entry in "The New Music Hall" division won top prize, the Mrs. Frank S Huebscher award, for the best entry in arrangements and another entry in the same section received the First African Violet Club of Beloit, Wis., award. She also received the Violets A-Go-Go AVS of Milwaukee, award for the best entry in the artistic plantings, class 32.

Wins Flora Cart

The model BA3 Tube Craft FloraCart, complete with top bracket and fluorescent fixtures, an award by B. D. Wiley, president, was won by Mrs. Frank Luedtke of Racine, Wis., with the best specimen plants in three colors, "Sport of Neptune Mermaid," "Lilian Jarrett" and "Snows of Kilimanjaro." Her other prizes included the Wisconsin Council of African Violet Clubs award with "Charm Song," the Sylvania Gro-Lux award with "Meteor," The African Violet Society of Philadelphia award with "Snows of Kilimanjaro" and the Show & Tell AVC of Pewaukee, Wis., for having the third highest number of blue ribbons in classes 1 through 26.

Mrs. Lawrence Rosenfeld of Indianapolis, Ind., won three arrangements prizes, the Indianapolis AVC award for the best arrangement, "The New Zoo," the Staten Island AVC silver award for the second best arrangement, "The New Art Museum," and Mrs. John R. Gilsdorf's award for the best entry in arrangements, "The New Art Museum."

Helen Van Zele

The Northern California Council of AV Societies award for the best specimen plant of "Helen Van Zele" went to Mrs. William Grabowski of Whitesboro, N. Y., who also took two other prizes, Champion's African Violet award for the best specimen of "Silver Champion," and the Mr. and Mrs. Fred Scudder of Beloit, Wis., award for the second best specimen plant in the semi-miniature class with "Mischievous." AVSA awards to Mrs. Grabowski included a cash award and a Merit Ribbon to the second best registered variety, "Clipper," and an Honorable Mention Rosette and a cash award to the third best registered variety, "Silver Champion."

"Pink Riot" won for Mrs. Joseph Hinton of Brookfield, Wis., the New Jersey Council of African Violet Judges silver award while "Cochise" won the Border Cities AVS of Detroit, Mich., award and "Lavender Riot" placed first for the Green Thumb AVC club of Beloit, Wis., award. Mrs. Hinton also received the Estelle Crane award for winning the most blue ribbons in the Gesneriaceae class, and the Crosstown

AVC, Madison, Wis., award with her "Creekside Moonbeam."

Tinari Greenhouses silver award for the best specimen plant of "Diamond Jubilee" fell to Mrs. Harold Baker of St. Paul, Minn., who also won Mrs. Roy Bartel's award for the best specimen plant, duPonts and Supremes, with "Prince Albert."

Snoopy

Mrs. Ethel Wittner of Chicago, Ill., took the Sylvania Gro-Lux award with "Snoopy" for the best semi-miniature, class 24, and the award offered by Mrs. Evelyn Foster of Hales Corner, Wis., for the best specimen plant, double white, miniature, class 23. She entered "Ping Pong."

Two arrangements prizes went to Mrs. Dana Gipson of St. Louis, Mo. She received the Neva Anderson silver award for the best entry in arrangement in "The New Horticultural Dome" division and the award offered by Mrs. Marvin Lutthrop of Milwaukee for the best entry in class 37, "The New Museum." Her entry was "A Street in Old Milwaukee."

Two artistic plantings by Mrs. Marvin E. Garner of Canton, Ohio, also took honors. Her "Sailors Delight" took the Tallahassee AVS (Florida) award for the best entry in artistic plantings, 34, and the Racine (Wis.) AVS award for the third best, classes 31 through 35.

Mrs. Victor Joseph Kunz of St. Louis, Mo., also won two awards with her artistic plantings. She received the Mrs. T. H. Trimble, Atlanta, Ga., award for best artistic planting, class 33, "Fisherman's Paradise" and also took the Union County Chapter of AVSA, Watchung, N. J., silver award for second best artistic planting with the same entry.

TO BE A VIOLET

by Rhoda Retkovis

I never thought I'd like to be
 Anything but only "me";
 But if I were to have a chance
 To be an African violet, I'd rejoice.
 Since I've acquired some of my own,
 I've found joy I've never known.
 Poets of old oft times have said,
 "Violets are blue and roses red."
 Violets are blue and purple
 Also pink and white.
 There are even green ones
 Which are really quite a sight!
 Now, if I possessed the beauty
 Of these flowers that I grow,
 And got the tender loving care
 It takes to keep them so,
 Then you will know why I declare,
 "I wouldn't mind being a violet fair."



GO LIGHT
Richter



STAND OUT
Richter

Chapter Chatter



NORTH DAKOTA SHOW: Sylvia Farnum, president, (left) and Maud Carlson, secretary-treasurer, are shown at the 10th annual violet display of the Town and Country African Violet Society of Minot, N.D., at the Chamber Flower Show. The Minet Club also displays annually at the North Dakota State Fair.

Eleven members of the **TOWN AND COUNTRY AFRICAN VIOLET SOCIETY OF MINOT, NORTH DAKOTA**, are affiliated as AVSA members. The group is aiming at 100 per cent membership. This "flicker" from the Flickertail State had its beginning when four friends drove 50 miles to the rural home of Mrs. Gilbert Kvamme near Palermo to discuss violets. The club was organized in 1957 and is a true town and country group. Mrs. John Holbach was the first president. At its initial meeting the club voted to affiliate with AVSA. The club, with a membership of 17, sponsored the organization of the Magic City African Violet Society in Minot. Contributions are made to the Boyce Eden Research Fund as memorial gifts for deceased members. An educational talk is provided at each program and often slide programs are obtained from the AVSA library.

With Iva Curtis as show chairman, the **AFRICAN VIOLET CLUB OF GREATER KANSAS CITY** held its annual show, "African Violets in Oriental Mood" with "Happy Time" winning best in show and "Nobility" second best. Best miniature was "Irish Elf" and best semi-mini was "Snoopy". Gold Rosette winning plants were "Bloomin' Fool", "Night Shade" and "Autumn Russet" and Purple Rosette winning plants were "Savannah Sweetheart", "Sweetheart Blue" and "Tommie Lou".

The **TALLAHASSEE AFRICAN VIOLET SOCIETY** has a violet project under way at the Tallahassee (Florida) Convalescent Home. Members have set up a table of African violets under Gro-Lux lights at the home where they take care of them semi-weekly, keep old blossoms removed, water and repot when needed. When the project was first undertaken club members received letters from the patients expressing their gratitude for the display of such beautiful plants. It was learned from Mrs. Henry C. Mills, a club member, who said that the manager of the Home was also most appreciative of the club's thoughtfulness and desire to bring joy to the convalescents.



GOLD ROSETTE WINNERS — "Lili Posa", "Strawberry Shortcake" and "Autumn Russet" (left to right) won the Gold Rosette for Mabel Gutridge at the Los Angeles African Violet Spring Show, "Violets Swing Into Spring". "Strawberry Shortcake" also took Best in Show and "Autumn Russet" was runner-up.

"Violets Swing Into Spring" was the theme of the **LOS ANGELES AFRICAN VIOLET SPRING SHOW**. The Gold Rosette class, including Best in Show and Runner-Up to Best was won by Mabel Gutridge with "Lili Posa," "Strawberry Shortcake" and "Autumn Russet;" "Strawberry Shortcake" being Best in Show and "Autumn Russet," Runner-Up to Best. Betty Weekes won the Purple Rosette with "Wrangler," "Clipper" and "Lullaby." The 50 afghans made this year by the members for the patients in Sawtelle Veteran's Hospital were displayed. "History repeated itself and, as last year, rain came down in sheets. Knowing how dry the Southern California winter has been, I'm sure our Indian child adopted through the Christian Children's Fund gathered her school mates about her and all performed the Rain Dance in California's behalf. Next year I'll alert her as to our show dates!!" says Helen Van Zele, president.



MRS. COOK HONORED—Mrs. Maude Cook (right) receives a scroll from Mrs. D. D. Brenning, club president, when the Beaumont (Texas) African Violet Society observed "Maude Cook Day" and honored the long-time Texas African violet hybridizer.

For Plant Growth . . .

Use Of Fluorescent Sources

*C. C. Mpelkas
Plant Physiologist
Sylvania Electric Products Inc.
Lighting Center, Danvers, Mass.*

Fluorescent sources permit the home gardener to grow and propagate plants successfully indoors, without sunlight. It supplies the vital light energy necessary for normal plant growth and development. Ornamental foliage and flowering plants may be grown easily and displayed to good advantage under electric lighting.

You can garden indoors, anytime of the year, with a light garden. With plant growth lighting, basements, kitchens, living rooms, halls, spare rooms, bookcases or shelves may be utilized for growing many different types of plants.

Recent discoveries concerning the influence of light energy on plants now make it possible to achieve desired growth results.

Both hobbyists and professionals are now adopting fluorescent lighting and using new techniques to make indoor gardening a year-round pleasure.

Light supplies energy to plants and, in the process of photosynthesis, converts it into useful forms of chemical energy. The role of light in the photosynthetic process is to combine carbon dioxide from the air with water and nutrients from the soil to form carbohydrates and to release oxygen as a by-product.

Light Sources For Plant Growth

The purpose of using light sources for plant growth is to duplicate the growth responses induced in plants by sunlight, but not necessarily to duplicate the sun in its intensity or spectral emission. This is accomplished by the use of those light sources which provide both the intensity and spectral emission most effective for the response desired.

Various conventional light sources have been experimentally evaluated for their ability to produce growth, or growth responses of plants at energy levels much lower than that produced by full sunlight during the natural growing season. This is a very essential requirement in the economic application of light sources for research studies, commercial installations, and amateur indoor gardens. On an equal wattage basis, the fluorescent lamp is more efficient than incandescent sources because it is approximately three times more

effective in converting electrical energy into light energy.

Fluorescent lamps are therefore more ideal for plant growth because they give off more light, last longer, operate at a lower temperature, and do not produce internodal elongation of plants. By burning cooler, fluorescent lamps can be placed closer to plants, if necessary, without damaging plant tissue.

Research studies have shown that low energy plants, such as indoor plants, principally use two wavelength regions of the spectrum, the red (600 - 700 nm), and blue (400 - 500 nm) bands. High energy (or economic) plants, such as, florist and vegetable crops, generally use three wavelength regions, far-red (700 - 800 nm), red (600 - 700 nm), and blue (400 - 500 nm), to produce normal plant responses from the vegetative to the reproductive stages.

Recently, special plant growth fluorescent lamps have been developed to produce the greater portion of their energy in these regions, so that all energy emitted will be absorbed by plant pigments. The evidence presented in the literature on the performance of plant growth lamps, appears to be in favor of the use of these lamps over conventional lamps in the growth of many species and varieties of plants. The use of plant growth lamps has increased quality, yields, and has shortened the time from planting to marketing. Thus, growers are able to control the time of harvest for key-holiday periods which result in higher profits.

At present, there are several plant growth lamps that are marketed in the United States. They include the Standard Gro-Lux, Plant-Gro, Plant Lite, and Plant Light fluorescent lamps. These lamps are intended primarily for the growth of such low-energy indoor plants as African violets, gloxinias, and foliage plants which utilize chiefly the red (600 - 700 nm) and blue (400 - 500 nm) bands. The emission of these lamps is illustrated in Figure 1, in relation to the action spectra of two principal plant photochemical reactions, chlorophyll synthesis and photosynthesis.

A new plant growth lamp source has been designed, utilizing knowledge of the most recent studies in photosynthetic enhancement and phytochrome response. This is the Wide Spectrum Gro-Lux fluorescent lamp, which radiates energy in the far-red (700 - 800 nm), red (600 - 700 nm), and blue (400 - 500 nm)



JINGLE BELLS
Richter

PHILLY
Richter



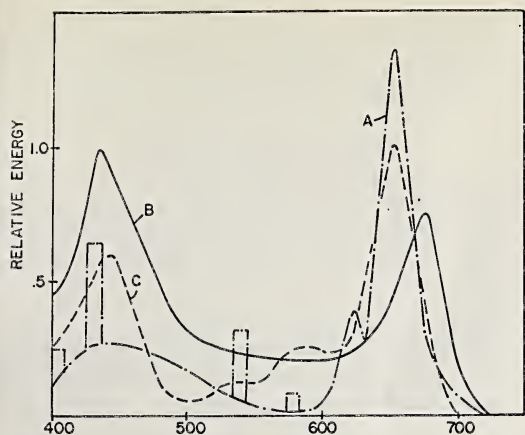


Figure 1. Comparison of the action spectra of two principal plant photochemical reactions with the Gro-Lux lamp. A — SED curve of the Gro-Lux fluorescent lamp, B — photosynthesis curve, and C chlorophyll synthesis curve.

regions of the spectrum. The far-red emission from the Wide Spectrum Gro-Lux lamp precludes the need for incandescent lamps to supply this spectral component. Figure 2 compares the spectral energy distribution curve of the Wide Spectrum Gro-Lux lamp with the photosynthesis and chlorophyll synthesis action spectra curves. This lamp is generally

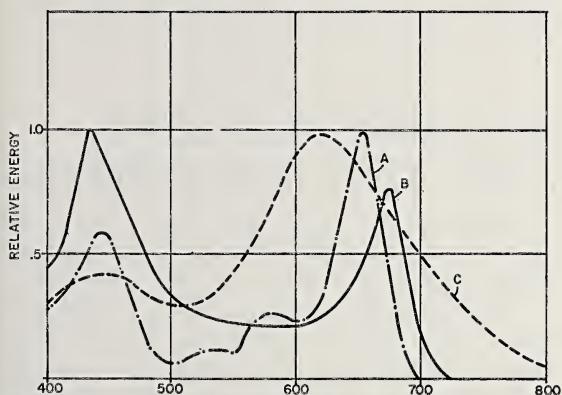


Figure 2. Comparison of the action spectra of the two principal photochemical reactions with the Gro-Lux/WS lamp. (A) Chlorophyll Synthesis Curve and (B) Photosynthesis Curve, and (C) SED Curve of the Gro-Lux/WS fluorescent lamp.

used for the growth of high-energy economic crops.

Conventional systems, such as Cool White fluorescent combined with incandescent lamps which are presently used for plant growth, were not designed for maximum plant response. The Cool White fluorescent and similar conventional sources were designed for visual use. They radiate most of their energy in the yellow-green (500 - 600 nm) portion of the spectrum, a portion of low plant response, as illus-

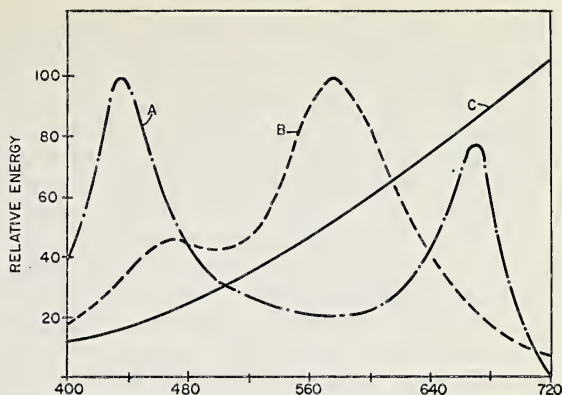


Figure 3. Comparison of the action spectra of (A) Photosynthesis Curve with the SED Curves of (B) Cool White fluorescent and (C) incandescent lamps.

trated in Figure 3. On the other hand, the incandescent lamp radiates very little blue light, a necessary ingredient for plant growth.

Measurement of Light Energy

Since radiant energy for plant growth is not visual illumination, the footcandle as a unit of measurement of radiant energy for plant responses has limitations. The footcandle is based upon the spectral sensitivity of the human eye and it is wavelength selective

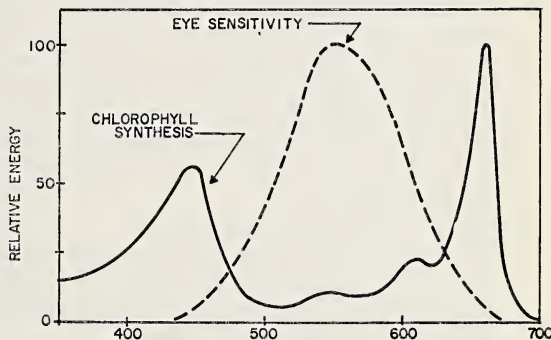


Figure 4. Spectral activity of the chlorophyll synthesis process. Visual sensitivity curve is shown for comparison.

with the maximum response from 550 to 560 nm, as shown in Figure 4.

For practical considerations, it is usually more convenient to express light intensity for horticultural lighting in terms of lamp watts per square foot of growing area with the light source at a given distance from the plants. This enables the grower to determine the number of lamps needed for a particular area and the power used. The formula for calculating the number of lamps for an installation is:

$$\text{Number of Lamps} = \frac{\text{Growing area X lamp watts/Ft.}^2 \text{ required}}{\text{Individual lamp watts}}$$

Applications

Indoor gardening is a rapidly growing

hobby. There are so many ways in which people can enjoy it. The indoor gardener can bring exotic plants from far away lands into his home. He can have blossoms on plants for decoration. He can start plants in winter for subsequent transplanting into the garden in the spring. He can have exotic plants outdoors in summer and keep them healthy indoors, away from frost, during the winter. He can become a collector of a certain type of plant, studying its special details. He can make cuttings of plants from his garden in the fall, so as to have more of the same plants available the following spring. Or he can practice the arts of forcing bulbs, or of getting plants to bloom out of season.

The indoor gardener can obtain very good growing results under the Gro-Lux lamps by adhering to the following environmental requirements which will provide an enjoyable and productive hobby.

Light Intensities

- A. For germinating seeds and rooting cuttings: 10 lamp watts per square foot of growing area. The light source should be 6" to 8" above the soil or planting media. Recent studies indicate that if the seeds are exposed rather than being lightly covered, a higher germination percentage is obtained. Another system that may be used is to cover the seeds lightly with soil, vermiculite or perlite and then comb or scrape the surface lightly after soaking the cover medium. This allows for better penetration of light as well as incorporating air in the seed areas.
- B. For low energy growing plants: 15 lamp watts per square foot of growing area. The light source should be 12" to 15" above plant tops. Many of the household plants fall in this classification.

Length of Light Periods (Photoperiod)

- A. For the germination of seeds and rooting cuttings: A light period of 16 hours produces satisfactory results. With newly germinated seedlings and rooted cuttings, prior to transplanting, a longer light period of up to 20 hours may be used with good results.
- B. Short day plants—Duration of light for gardenias, poinsettias, chrysanthemums, and Christmas begonias, 10 to 13 hours;
- C. Long day plants such as China asters, calceolaria, coreopsis, dahlias, nasturtiums, and annuals, 14 to 18 hours;
- D. Indeterminant Day Plants, which include African violets, roses, carnations, begonias, gloxinias, geraniums, and coleus, 12 to 18 hours.

INDETERMINANT DAY PLANTS: Plants

which have no critical length of day period for flowering, providing a sufficient number of suitable light energy units is received each day to complete the reproductive cycle.

Cultural Requirements

- A. Plant ambient temperature: For most plants, the temperature during the light period should be approximately 70° - 75°F., and during the dark period 60° - 65°F.
- B. Plant environment humidity: From 50% to 60% humidity is recommended. Also good ventilation is necessary for best growth environment.

Economical to Use

These Gro-Lux lamps use no more electricity than any other fluorescent lamp of the same wattage rating. For example, a single 4-foot Gro-Lux lamp, operating for 14 hours per day on a 2½ cents per kilowatt rate, would use less than 12 cents worth of electricity per week in your "Light Garden".

The application of radiant energy from electric light sources to control plant growth is rapidly increasing. The knowledgeable use of other factors which regulate plant growth, such as temperature, water, nutrients, humidity, as well as accepted cultural practices correctly applied with light, will produce optimum plant responses.

AFRICAN VIOLETS LIKE THE BATHROOM

Some plants don't like water on their leaves—and this definitely applies to African violets. But they do like a steamy atmosphere.

Erica Ardene, an accomplished gardener of South Africa who doesn't care much for houseplants, was given a Saintpaulia that refused to flower. She tried it in every room of her house, and found that the only room it liked was the bathroom, where it broke right out into bloom.

"And what is the use of having a flowering plant in the bathroom?" she asked in disapproval.

But African violet growers in America probably will disagree with her. We like violets in our bathrooms. The warmth and steam are what they like and will do as well in the kitchen, too.

Do you have an "Isolation Booth" for your new violets? It's a good idea to keep new plants apart from plants until you are assured they are free from disease.

Suggestions For Chapters

By *Lizeta Hamilton*
675 Soldier Hill Road
Oradell, New Jersey 07649



Congratulations to the winners of the Standard Show Achievement Award. These were awarded at our Wisconsin Convention. It is a near-perfect show that can be scored by the judges as 95 points or over, right?!

As you prepare YOUR PROGRAM for the next year, do not overlook the various possibilities by the use of the Library slide programs. And the packets of yearbooks, bylaws, suggestions for programming and show schedules might prove to be of great help to you.

If you have not already used FIVE MINUTES WITH AVSA in your regular business agenda you might well try this! It is an interesting series with great potential for expanding the series. Kind comments have been received from those using the series. Frontispiece of the series was included in the president's material when charter was sent upon receipt of 3-1-70 to 3-1-71 dues.

Many of the groups have ELECTIONS at this time of year. Be sure the sheet sent to you is filled in with name and address of officers, number of members, time of election et cetera—all needed in order to keep our records up-to-date and accurate.

There are some chapters which for various reasons have felt it necessary after many years TO DISBAND. Some of these groups have not answered my inquiry and I would so appreciate hearing from them.

YOUR MAGAZINE COPY we think, and we could be wrong, that the plan of sending to the president is the best procedure unless you ask otherwise. The president receives the magazine and passes it on to the person who at the time should have it. We find in doing this, there have been far less problems in the receipt of the magazine by the affiliates.

It would be most helpful when any group writes for specific information or copy of record if they would send a SELF ADDRESSED AND STAMPED ENVELOPE.

INDIVIDUAL MEMBERS and AFFILIATE ORGANIZATIONS—if anyone tells you they have not received their June magazine, remind them that dues are past due!!

NEW CHAPTERS

FRAYSER AFRICAN VIOLET CLUB, Mrs. Alice McAdams, President, 2581 James Road, Memphis, Tennessee.

TEXAS STAR AFRICAN VIOLET CLUB, Mrs. Paul Guy, President, Box 989, Big Springs, Texas 79720.

LINCOLN AFRICAN VIOLET SOCIETY, Mrs. Arnold Otto, President, 2610 A Street, Lincoln, Nebraska 68502.

NASHOBA VALLEY AFRICAN VIOLET SOCIETY, Mrs. Myrtle C. Woodward, President, West Bare Hill Road, Box #6, Still River, Massachusetts 01467.

CARAVELLA AFRICAN VIOLET CLUB, Mrs. Evelyn C. Krull, 1352 McLinley Avenue, Beloit, Wisconsin 53511.

GREEN ROSETTE

THE STANDARD SHOW AWARD, commonly known as the green rosette, is given to each affiliate organization once yearly if the score is 90 or more points. It is our pleasure to announce these winners:

THE AFRICAN VIOLET CLUB OF GREATER KANSAS CITY, Mrs. Iva Curtis, Show Chairman, Kansas City, Missouri. Theme: "African Violets In An Oriental Mood." 2/14 - 15/70.

UPPER PINELLAS AFRICAN VIOLET SOCIETY, Mrs. A. F. Suder, Show Chairman, Largo, Florida. Theme: "Violets 'N' Valentines." 2/12-14/70.

AVSA AFFILIATION. Those wishing to affiliate with AVSA should write to me, sending in dues, president's name and address, number of members, date of organization.

Wicking Violets

Wicking violets is something new for Mrs. Henry C. Mills of Tallahassee, Fla., but she's been having a great time experimenting. Here's what she says:

"I bought a supply of plastic refrigerator containers, cut a hole in the top of each lid, filled the containers with water and put in some fertilizer. In fact, I used too much fertilizer to begin with. The result: Burnt leaves on some plants and growth was too fast.

"So I quit using fertilizer for about six or seven weeks and now when I do put fertilizers in the containers I measure it well. I use one-fourth teaspoon of 20-20-20 to a gallon of water or use three drops of Schultz to a gallon of water.

"I made my wicks of old nylon hose and nylon slips. I cut wicks according to the size of the plant. My wicks were of four different widths and about six or seven inches long. I wet the wick and pushed it up the side of the plant. My soil was damp and porous when this was done so I could have the capillary action and the plant would start to work.

"I set the violet pot on the top of the container with the wick down in the water. And I had it made! I potted some violets in September and I have already had to repot them in larger pots.

"My only advice in wicking is 'go slow on the fertilizer!'"



Peppermint

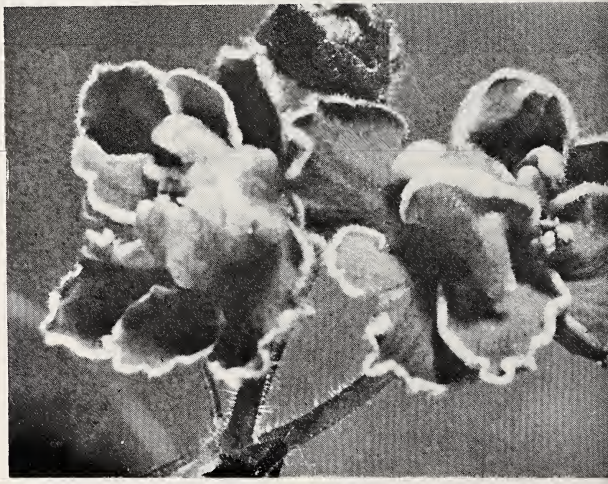


Whirlaway

New Varieties Shown In Milwaukee



Madelaine



Milwaukee

Charles Day
220 West Sunset Road
San Antonio, Texas 78209
(Black and white photos by Joan.)

"Peppermint" went to Milwaukee and took Best New Introduction! Granger Gardens won the Society Plaque for the best new variety with a huge fluffy pink and white semi-double aptly named "Peppermint." Each petal has a darker pink edge and the flowers stand high on nice stiff stems. The medium green leaves are fresh, crisp, ruffled and some curl back to show lighter green—a winner in all respects!

The second Best Introduction was Lyndon Lyon's "Whirlaway," a medium blue double. Each flower is packed with neat little petals, white edged and there are many, many flowers on each stem. The quilted leaves are a very dark green.

The third Best Introduction was Richter's

"Madelaine." It is a pink semi-double — some flowers are double: in opening, the blossoms are cupped but when fully opened they are as flat as little saucers. It is a most unusual and beautiful plant. Another introduction of Richter's was "Milwaukee" and each AVSA member was given a rooted leaf in a thumb pot. The Milwaukee and surrounding area clubs did all that and we thank them. "Milwaukee" is a cerise double Geneva and a prolific bloomer. "Mini-skirt," also Richter's, is a white edged double lavender, the blooms standing well above the attractive furry foliage.

"Ruth Carey" was one of the three registered plants in the commercial Gold Rosette class won by Frank Tinari. It is one of his



Mini-Skirt



Giant Step



Ruth Carey



Daisy Doll



Jennifer



Playmate

very new plants and a beauty. It is a pink and white semi-double, the graceful frilled flowers growing in great profusion. The forest green leaves grow so symmetrically that it makes

an excellent show plant. "Jennifer," named for the Tinaris' nine-month-old grand daughter, is as fetching as they come. It is a single, the two upper petals being smaller in comparison to the three lower ones which are huge. Some of the flowers are pink with a wide rosy edge and some are reddish plum. All stay on for a very long time. "Giant Step," another new



Knit Wit

Tinari variety, is a vivid pink semi-double, growing so strong and symmetrical that it will never need a frame to bolster the foliage. A fine show plant.

Lyndon Lyon showed many new varieties. Among them was "Daisy Doll," a huge pink star with white edge, many flowers in each cluster: dark green foliage. "Playmate" is a spectacular pink double, huge fluffy flowers practically covering the dark green quilted foliage. "Knit Wit" is an unusually large semi-double star — a rosy 'cerise — and promises to be a fine bloomer.

In each issue of the magazine we will show you more of the fine new introductions shown at the Milwaukee Convention.

(EDITOR'S NOTE: Many of these new varieties will be shown in color in later issues of the magazine.)

Cures Dampness With Plastic, Small Heater

*Madeline Van Leuwen
Jackson & New Jersey Avenues
Mantua, New Jersey 08051*

When I moved from an apartment into my new home, I thought my basement would be just the right place for growing African violets. Fluorescent lights were installed. Tables were built and lined with heavy plastic. The temperature was kept between 72 and 75 degrees.

But the violets wouldn't bloom and there was a lot of crown rot. The basement was too damp.

After about six months I became discouraged. Other club members had such beautiful plants to show. Hardly anything was left. So I told my husband I was going to give up my violets.

After some thought, he decided to make me a room of heavy plastic. Plastic was hung from the ceilings to the floor, and a small heater was placed inside. The temperature remained the same, but the dampness was gone.

My interest in my violets was revived. Now after several months the plants are again

beautiful. I'm proud to show them. The violets, which were started from leaves, are now blooming in two-inch pots. In fact, I'm enjoying the beauty of all my violets all over again. Some I hardly remember are in full bloom.

Now, when guests admire my violets in my living room, I say, "You should see the ones in my basement."

Vacation Care

*Mrs. Russell Yawger
10 Hibiscus Rd., Bellaire
Clearwater, Fla. 33516*

My method of vacation care would probably be too drastic for a two week period. We are away from six to eight weeks. I take off all lower leaves until the plant is only slightly larger than the rim of the pot. After watering them, I drain off excess water and set the pot inside a baggie (most plants require the jumbo size). I then insert three plastic straws around the edge of the pot to prevent the sagging baggie from touching the leaves. Next I shirr up the end and blow it up like we did as children. That CO₂ is good for them. A quick twist with a wire and they are ready for a rest. Miniatures are grouped 4 or 5 on a plate or tray and treated the same way. I have to admit they do not look promising when I return, but I have managed to save my choicest varieties. The moisture in the soil condenses inside the bag. By the time I return the soil will be bone dry but the humidity inside the bag has kept the foliage nice and crisp. I leave the lights on ten hours a day and the air conditioning is set at about 78°.

You may prefer wick feeding. Several of our members are getting marvelous results with that. First you cut old nylon stockings in a spiral 1½ inch wide and cut these in 10 to 12 inch lengths. Inset 3 or 4 inches of one end in the bottom of the pot. We are then using a low container with a plastic lid. Cut a one inch hole in the lid and put the other end thru that. The receptacle is then filled with a weak solution. I use Plant Marvel and a friend used Black Magic Bloom Booster. In this way you do not have a setback due to lack of food. I'll be interested to hear how you make out. The bowls that Cool Whip or Good Seasons Salad dressing come in are great for this purpose. Also those cute cups that the soft Imperial margarine comes in are fine.

OPPORTUNITIES ARE everywhere. The field is wide open. Just anywhere that two people meet, our African violet hobby can be discussed—and perhaps someone new can be introduced to our mild insanity, says Florence Garrity, AVSA director.

BEGINNER'S COLUMN

Mrs. J. A. W. Richardson
RR #1, Box 70
Tavares, Florida 32778



DESCRIPTIVE TERMS

Species—a class of individuals (in this case plants) having common attributes and designated by a common name. Do not confuse with the word "specie" which is money in coin.

Petiole—stem that supports the blade of the leaf.

Sucker—the beginning of a new plant which forms near the base of the plant or in the axils where the petioles join the main stem of the plant. Some bud stems form with small leaves, but by the time four leaves show without evidence of a bud, it is a sucker.

Variety—plants with characteristics which remain the same for a group of plants in the same family, for instance a plant called "Blue Boy" is one variety and one called "Pink Girl" is a different variety.

Multiple Crown—a plant which has more than one crown.

Single Crown—a plant which has only one crown with no suckers, i.e., just one plant.

Soil—earth.

Dirt—a filthy or soiling substance as found in mud, dust or grime.

Soil-less—without soil.

Cultivar—an organism of a kind originating and persistent under cultivation.

Leaf cuttings—Leaves cut from plants which

will be used for propagation.

Propagation—increasing in numbers, i.e., planting a leaf which will produce more plantlets.

pH—the alkalinity of the soil. For African violets a pH of 6.5 to 7.5 is recommended.

Remedies for Fungus Diseases in the Soil

*Bernard D. Greeson
Milwaukee, Wisconsin*

While many of the above ground diseases are difficult to control, I believe those that originate in the soil are more difficult to eradicate, especially if the disease is a fungus.

There are two main classes of fungi: parasites and saprophites. Parasitic fungi obtain their nourishment from other plants or animals whereas saprophites live on dead organic matter. Fungus diseases of plants are caused by parasitic fungi.

Crown rot, damping off or rotting of cuttings and root rot are fungus diseases which affect African violets and the seat of the trouble can almost invariably be traced to the soil, and poor cultural methods such as over-watering. Over-watering, for example creates the right conditions in the soil for the growth of the spores of certain fungi. Eventually the parasitic fungi destroy the root system or cause crown rot or other trouble.

Of course, the best preventive method is to use sterilized soil. This can be done either by heat sterilization or by chemical sterilization. To further assure that the spores of fungi do not grow in the soil, it is also wise to use a good fungicide in your soil mix. Fermate has always been a good fungicide to use. It still is. Phaltan is another which is widely used. The newest wettable power soil fungicide is a granular type called Terraclor. Terraclor (75%) has a broad spectrum of control and mixed in the right proportions with violet soil, will give very effective control of most soil-borne diseases. Soil sterilization will always be the best control of soil insects and fungus disease. If you sterilize then you probably will never need a chemical fungicide in your soil.

Much Publicity In Newspapers

"African Violets," an article by Anne Tinari, appearing in the New York Times and reprinted in the Chattanooga Times not too long ago, was illustrated with two beautiful plants and practically took up a whole page. The other small articles gave African violets a further play, one telling of a seminar at Callaway Gardens in Pine Mountain, Ga., at which films featuring African violets were to be shown and the other an item from University Park, Pa., telling of interesting relatives of African violets.

This kind of publicity focuses attention on America's favorite houseplant and as an English Garden Periodical states, "African violets are a way of life in America, you grow them with a passion."

In the article Mrs. Tinari highlighted the history of the African violet and related simple cultural methods for growing lovely violets.

Question Box

By Anne Tinari
Tinari Greenhouses
2325 Valley Road
Huntingdon Valley, Pa. 19006



Q Dear Anne Tinari: I am a girl 12 years of age and I would like to ask your advice. But first, I'll sum up what happened so you'll know what I'm talking about. My piano teacher gave me two violet leaves to start a collection. Then she lent me two of her magazines, and I learned so much from them.

I read about Mrs. Grabowski's using Lysol for the mold on her plants and I think I have this problem. On the surface of the soil is some kind of fungus around the bottom of the stem. It is sort of a white fuzz and I don't know what to do for it. I thought maybe you could tell me. I would appreciate a fast reply for fear it might be too late.

A. This child's approach of urgency to a very serious problem is faced by many during spring and summer months. A problem more prevalent when temperatures fluctuate rapidly at this time of year. Knowing Mrs. Grabowski and having seen many of her award winning plants at State and National shows, I'm sure the Lysol treatment has worked for her. There are also several other preparations that can be used successfully such as Mildex and Acti Dione P.M. Specific directions are on the label and it should be used about once a week for several sprayings, then every few weeks or once a month when the high humidity persists.

Q. I am also a member of AVSA and I must tell you that every number of your magazine which comes is a holiday for me. They are so interesting and have practical hints about African violet growing that it is always a pleasure for me to read them more than once. But what I like and find best is your column. Further, I must emphasize the delightful pictures in the magazine.

In my room I have some American varieties of African violets but I find now that there is not enough light and that therefore the winter will be difficult. I tried to help with some weak fluorescent lamps. In spite of this, some leaves are elongated and I fear that the plant may weaken or even die. And so I dare to ask, if it wouldn't be better to propagate some leaves now in water or in such a way to save the varieties?

A. My immediate answer to this member in

Czechoslovakia included literature on leaf propagation. Also a reference to several good recent leaf propagation articles in our magazine Sept. 1969, Volume 22, No. 5, by James B. Smith of Philadelphia, and an excellent picture story in the Nov. 1969 issue, Vol. 23, No. 1, by Leila Egenities.

Q. Here is a tip for readers: I use two clear plastic shoe boxes as a miniature greenhouse. They must be the same size so one sits squarely on the other. This has helped me greatly in leaf propagation and is a boon to anyone who needs a small inexpensive greenhouse.

A I am always most appreciative of any good growing tips and this appears to be a very simple method of leaf propagation. I might suggest placing them in a good light, but avoiding the hot burning sun areas where excessive humidity would accumulate without air circulation resulting in damage.

Q. Is there any cure for "violetitis?" I wasn't going to have plants when I moved from a house with windows on four sides to a room in a retirement house! I haven't enough windows for what I have!

A. No, sorry, it is a good fatal disease. Anyone who has experienced the joy of growing and bringing even one plant into bloom has been injected with violetitis, as you so ably named it. Enjoy it. You're stuck with it. You can always be an enthusiastic infectious carrier.

Q. I am a new member and have enjoyed your articles in our magazine very much. In fact you have helped me tremendously. Now I find I am so confused with everything I read in various magazines about fluorescent lights that I have come to you for help.

My shelves are 35" long and 12" deep. Should I use two fluorescent tubes on each shelf or would one do the trick? How many inches above the plants should they be? What about miniatures? Can I grow them under the light?

A I would prefer to use the two-tube fixture since you are setting up. Believe you will find this best investment.

Possibly 7" above plant foliage would be best for the miniatures as they are smaller and

can use an abundance of light. For the average growing plants 10" to possibly 12" (I personally prefer 10") is most suitable. Be sure to have lights on 12 to 14 hours per day, 8 hours of darkness and feed often with diluted plant food to 1/3 strength which could be used at every watering.

You will note there is an excellent article in the recent January AVSA magazine, page 37.

Q. I used lots of ammonia and varnish removers, etc. to refinish my piano in an area near my violets, plus the fact I was probably a little careless about watering my plants. But anyway I lost all my plants with what I have been told is crown rot.

I have been mixing vermiculite in the African violet soil as it comes from the package, then heating that in the oven. Is this ok?

A. Fumes from ammonia and paint removers can certainly have a bearing on your plants, so do be careful of that.

In regard to vermiculite in your soil, you may be wise to omit this as it holds so much water, but use Perlite instead.

Q. My leaves are losing their green. What is the trouble? Also how does one know when a plant is registered or not?

A. There are several known causes for yellowing leaves: lack of nitrogen, lack of phosphorous (usually shows along leaf edges), excessive light or lack of magnesium which is necessary in forming the chlorophyll or green as you refer to it. You may be wise to have your soil tested to see what elements are not in balance.

All registered plants are in the new Master Variety List which can be obtained through the Knoxville office. Write AVSA, Inc., P. O. Box 1326, Knoxville, Tenn. 37901 and enclose check for cost of \$3.00. It will be well worth it.

Q. Is the enclosed leaf of Triple Threat diseased or infected?

A. The leaf enclosed of Triple Threat was badly crushed in the envelope. However, upon close examination there seems to be a scar tissue quite evident under the foliage. This can be due to springtails that sometimes live in rich organic soil and somehow suck juices from the underside of the tender foliage. This would be very evident on this type as it is a very fleshy leaf and would damage more readily than some of the more flexible types.

I would definitely suggest using an insecticide such as the Antrol Bomb, Kelthane or 50% Malathion. These are generally used 1 tsp. to a gallon of water and repeated several times every seven days to get the new offspring.

Q. Am being troubled with something that I don't know what it is, therefore I don't know how to treat it. I simply dispose of the plants affected and haven't been bothered with it

much during the winter months.

The stems get a brown scale on them and they become very brittle to the touch. I am careful to keep all the dead blossoms picked off. What can this be?

A. I have seen plants that were badly infested with cyclamen mite, when the center was completely gone seemed to end up with a brown scale on petioles and center leaves.

In cases like these where they are badly infested you may be most wise in disposing of them. My guess would be your problem may be the result of cyclamen mite at work. I would suggest using the 50% Malathion on this, diluting and using it as a spray, repeating it every 7 to 10 days for a few times, then possibly once a month to prevent infestation.

Q. Please tell me what are best temperatures to keep my violets for good growth and bloom? My blossoms don't get big and sometimes fall easily.

A. Extremes of either high or low temperatures can cause trouble. It may be your room temperature is too high. Temperatures above 80 degrees will cause plants to get listless, producing slow growth and poor flowering.

Flowers will be undersized and tend to dry up and fall prematurely. On the other hand, too cold a temperature below 60 degrees can cause slow growth and lack of blossom. An ideal temperature for violets to thrive and blossom is 70 to 75 degrees.

Q. With extreme patience I finally got a seed pod and intend to sow it. About how many seeds does a pod have and about how long do they take to germinate?

A. A ripe pod can contain from 200 to 300 seeds. They germinate best at 70 to 75° and it usually takes two weeks for tiny growth to appear.

Q. My plants are all very healthy and have always had very beautiful flowers. Recently, have noticed that violet plants when purchased had beautiful, dark rich coloring, then pale to a lighter shade when the plants would bloom again. Some plants even developed a variegation on the flowers. For example: your plant, "Jungle Fire" has lost its deep fuchsia eye on some flowers, while other flowers have turned a pale fuchsia. The plant "Smoke Rings" has lost its white outer edge.

A. In regard to the changing of foliage on your plants, this can be caused by many factors. Water, soil and temperature all play a part. For instance, here in the greenhouses during the very hot summer months many of the "Geneva" types and most plants that possess a white edge seem to lose it almost completely.

Q. I have about 10 healthy looking African violets started from leaves 8 months ago. Some are in 2" pots and some larger plants in 4"

pots. All are planted in a commercial house plant mix. Why do the flower buds and stems dry off? Plants are against a north wall with an east window about 10" from the north wall. A. Bud drying is usually due to dry atmospheric conditions or lack of sufficient light, which may be your problem. Possibly the north light does not provide enough strong day light hours for your plants to flower freely. Your soil, too, may be deficient in calcium or other important ingredients. We find a soil which tests about 6.4 best for violets.

Also the use of plant food at least once a week would be beneficial. Keep plants in small pots to help them flower sooner.

Q. In a recent column of your Question Box you mentioned putting charcoal in your African violet soil. Please tell me what kind. The kind used in fish bowl filters or the kind used in grills? What food value does it have?

A. You may be interested to know that charcoal has no food value whatsoever. Its value to plants is its ability to collect and conserve ammonia and also acts as a continuous factor for the destruction of injurious acids.

Any size charcoal is beneficial, but believe you will find the small processed particle type to be best for house plants.

Q. Some time ago my violets had mites. I was able to clear this up with Kelthane. Since that time I have had two other problems (1) the leaves, where they are attached to the crown, form a thin brown line and then the leaves tend to drop off and (2) some of the other plants have what appears to be like a blister on the stem of the flowers or where the leaves and crown come together. The flower stem appears to be enlarged and these blisters are filled with water or liquid. Could either or both of these problems be the result of the insecticides I used for the mites?

A. The thin brown line on leaves may be due to lack of sufficient nutrient in the soil. Lack of potash can show symptoms of this type. Blistered leaves may indicate foliar nematode trouble. Nematodes do attack foliage and can cause this symptom.

I have never known Kelthane to affect plants in this manner.

THANKS TO ALL OF YOU!

Thanks to every one of you who responded to the questionnaire sent to you from the Knoxville office.

The tremendous response and obvious indication of great interest in The African Violet Magazine on the part of individual members is most encouraging. We shall do our best to provide you with the kind of material for which you asked.

**High Honors
Are Awarded**

The retiring AVSA president, Frank Tinari, was presented with an honorary life membership at the Milwaukee convention in appreciation of his services not only as president but as an ardent AVSA supporter since its inception.

Bronze medal certificates for horticultural achievements were awarded Albert H. Buell, longtime AVSA commercial member, and Dr. Herbert T. Streu, associate professor, department of entomology and economic zoology, Rutgers University, New Brunswick, N. J.

ACHIEVEMENT AWARDS

This is the list of the Standard Show Achievement Award winners for the period of January 1, 1969 through December 31, 1969. These awards were presented at the Milwaukee Convention.

Each year the Standard Show Award, given to affiliated organization winners, is listed in our AV Magazine including the name of the show chairman, theme and date of show. This award, commonly called the green rosette award, is given with a score of 90 or more points.

To those organizations with 95 or more points, the Standard Show Achievement Award is presented at the annual convention by the Awards Chairman. A two toned blue rosette, this is rapidly becoming known as the blue rosette award.

Special congratulations go to the following organizations who received this award at our Milwaukee Convention of the African Violet Society of America, Inc.

- African Violet Club of Greater Kansas City Missouri
- African Violet Society of Staten Island New York
- African Violet Society of Syracuse .. New York
- African Violet Study Club of Birmingham Alabama
- Crosstown African Violet Club Wisconsin
- Des Moines African Violet Club Iowa
- First African Violet Study Club of Ashtabula Ohio
- Miracle Strip African Violet Society in Panama City Florida
- Rocky Mountain African Violet Council Colorado
- Seven Valley African Violet Society .. New York
- Town and Country African Violet Society New Jersey
- Union County Chapter of the AVSA New Jersey



Mrs. David Thompson

Wants to Interest Youth in Violets

Although she's only 25 years old and has a 10-month old daughter to occupy her time, Mrs. David Thompson of Round Rock, Texas, has some pretty firm opinions concerning African violets.

She's publicity chairman for the First Austin African Violet Society of Austin, Texas, and just at present is trying to interest young people in her area in African violets.

"It used to be thought that when someone retired, they started growing African violets," she said. "NOT SO! I believe if more younger people would get interested in horticulture, it might help my generation.

"I really believe growing violets is a joy—no matter what the age. A young family with small children can gain a lot by growing a few plants. Violets are certainly suited for apartment dwellers."

Calls Violets "Weeds"

Mrs. Thompson's husband used to call her violets "weeds" but she says, "you should see the beautiful six-foot, four-shelf stand he made me."

Mrs. Thompson has 100 African violets of which she's mighty proud, especially her "Tommie Lou" which was judged best variegated and second best of show at the First Austin African violet show in 1969. Seen in the above picture is Mrs. Thompson holding "Tommie Lou" as she stands in front of the stand built by her husband.

As publicity chairman, Mrs. Thompson uses every news media possible to advertise

the Austin society and AVSA. Only recently in the Austin newspaper was an article concerning the society's African violet display and sale, in which was a paragraph, "The First Austin African Violet Society is a member of the national organization, African Violet Society of America, Inc., which publishes a magazine for its members, The African Violet Magazine."

On TV Show

The Austin educational TV station has a "Lawn and Garden Show" on which the Austin members have appeared on several occasions. Only recently they presented a 30-minute program on how to grow African violets.

"We have some very good announcements on radio here in Austin," Mrs. Thompson said. "Our TV programs and spots are really helping to promote African violets in our area."

FINDS VIOLETS DO NEED FOOD

*Mrs. Brance Rethovis
54 Thompson Avenue
Gibbstown, N. J. 08027*

My love for violets goes back many years. As a child just starting to school, I would hunt for and pick violets on my way to and from school. When my children were growing up, they would go into a nearby woods and bring home clumps of violets for me to plant in the yard. I now have them growing all over, even in the lawn, and I share them with my neighbors.

Several friends had given me beautiful African violet plants from time to time and after the blooms fell off, they didn't bloom again so I threw them out.

One friend asked how the plant she had given me was doing and I had to tell her the truth.

"Did you feed it?" she asked.

"No", I replied.

"How long do you think you'd live without food?" she queried.

She was right, of course. So I bought a few plants, some feed and a book about growing African violets. I now have over 150 plants. I must admit that most of them are quite beautiful. I joined AVSA several years ago and am learning more about these plants all the time.

I do get a great deal of pleasure from these friendly plants.

Nitrogen is a spark plug for growth. When plants have enough they will have a nice green color and will grow well. Nitrogen is lost from soil every time plant is watered from top.



Swift's



Lyndon Lyon



Granger Gardens

(Photos by Joan)



Buell's



Richter's

Commercials Win Trophies

AVSA commercials are great people! Their friendly rivalry is most refreshing and their helpfulness toward each other was certainly evident at the Milwaukee convention in the sales room, the show room and at the commercials breakfast.

The President's Award, given by Frank Tinari, to encourage selective hybridization showing distinct color break or outstanding color combination, fell to Granger Gardens of Medina, Ohio, with "Peppermint". The same plant also won for Granger's the best new introduction award. Granger's also received the Indiana State AVS Award for "Fandango," the best registered named variety.

The second best new introduction award, offered by Erffmeyer & Son, Inc. was won by Lyndon Lyon with "Whirlaway" and the third best new introduction fell to Richters Greenhouse's "Madelaine."

The Marian and Winfred Albright silver award went to Swift's of Dallas as the exhibitor

of the best staged commercial table.

AVSA silver trophies for best commercial display tables were won by Granger Gardens of Medina, O., Swift's Violets of Dallas and Lyndon Lyon of Dolgeville, N. Y.; and an honorable mention rosette fell to Buell's Greenhouse of Eastford, Conn.

Tinari Greenhouses of Huntingdon Valley, Pa., captured four awards, the commercial silver cup for "Spirit of '76" as the best registered



Rose Knoll



Constantinov



Krogman's

named variety; the commercial Gold Rosette with "Ruth Carey," "Patti" and "Pink Philly," as the best collection of three registered varieties; and two Albert H. Buell silver awards, one for "Poodle Top," the best seedling in the commercial classes, and "Seedling 7-71" the second best seedling.

Display tables were also set up by Rose Knoll Gardens, Victor Constantinov, Krogman's Violets and Mrs. J. Bartel.

Magazine Information Invaluable, She Says

Mrs. Bonnie Monroe Doane, 605 N. Humphry in Oak Park, Ill., gives credit to The African Violet Magazine for her blooming violets.

"Try as I might, my first African violets did nothing but grow magnificent foliage," she declares. "Blooms were non-existent. For three years my luck was wretched. I tried everything I could think of. Our local library was dismally lacking in recent literature on violets.

"I did not know of AVSA. About a year ago I was able to obtain a copy of Carolyn Rector's 'How To Grow African Violets.'

"From that source I learned of the existence of AVSA. After several futile attempts, I at length obtained the proper mailing address and took a membership in AVSA.

Information Invaluable

"The information in the magazine has been invaluable. My violets have finally bloomed!"

Her husband's grandmother first stimulated Mrs. Doane's interest in African violets. As a young married woman in a new home, she yearned for bright, cheerful plants for her apartment.

"More than that, as a transplanted urbanite, violets seemed a way to create some tie to my largely rural origins," she explained. "Just the sight of an African violet reminded me of my husband's family and their easy and gracious hospitality." A visit with her husband's family on one occasion resulted in her returning home with several leaves and a few potted plants.

Fluorescent Stand

Her husband was persuaded to build her a fluorescent stand and now, she says "I am looking forward to even better blooming plants.

"As a mother with two small children, whose opportunities to 'gad about' have been sharply curtailed, I can testify to the therapeutic effect of banishing that 'down in the dumps' feeling, violets are such a morale booster! And an added benefit is the reaction of my small son (not yet two) to my plants. He has developed a real passion for his 'mommy's flowers' and a very deep and tender respect for them. Even he enjoys their lovely blooms."

Potash is needed by young plants and helps at flowering time. Produces "quality" and tone in plants.

Few Violet Growers in Bahamas But New Society is Organized

Mrs. J. A. W. (Ann) Richardson

RR # 1, Box 70

Tavares, Florida 32778

(This is the concluding article concerning Mrs. Richardson's experiences in organizing an African Violet Society in the Bahamas)

Our one great problem was that no one on the island sold good African violets. There seemed little use in trying to get people to grow the plants if they could not buy them, so I tried to interest the wife of our local nurseryman. She admitted that she had found a half-dead plant one day and nursed it into a blooming plant and she was interested in growing them for sale.

Her husband and his partner had seen my display at the show and they had set aside a space in their new nursery grounds for African violets. At my urging they brought over from Florida some plants which we were going to sell at the next meeting at our apartment. Most unfortunately they were unnamed plants and the box had been turned up-side-down on the way over and the leaves were full of vermiculite and soil when they arrived. Blooms were also few and some dead. My disappointment was great when I saw them but I volunteered to clean them up if they brought the plants to me early enough to do so. However, due to unforeseen circumstances this was not done and no one at the meeting wanted them.

Later, another nursery in Nassau, prodded by one of our future members who had attended lectures, did import some nice clean blooming African violets which sold very well. Also, eventually Sydney Sweeting about whom I shall have more to say later, started to grow them for sale, he having had some past experience in growing African violets. Without my knowing it, another gentleman on the island, a farmer, had brought in a large shipment at the urging of two young men, about whom I will tell you later.

Rotted Plants

Before plants were sold on the island, I tried to import some from Florida. It is customary when a package arrives on the island to notify the recipient by mail and he then goes to a special place, not the post office, to pick up his package. Somehow, it took five days for

me to receive the notice after my shipment arrived and then through some misunderstanding another day went by before I could get it out. There was evidence that the plants had been originally well packed but when I opened the box it was a mess. Most of the plants were wet with rot. Some were so badly infested with bugs I had to throw them out. It took me a whole afternoon to clean them up, dip them and pot them and it took months before they recovered enough to bloom. The really interesting thing to me was that while the package had all the necessary certificates as to health, it was crawling, even on the outside with tiny bugs. I could not identify them but believe they were the kind that thrives on rotted matter. Just when and how they got aboard I would not know. Anyhow, that settled importation as far as I was concerned. Nor could I recommend it. Yet, in talking to others who had imported plants, they said they had no trouble at all.

During my stay I was asked to lecture before the Carver Garden Club and the Nassau Garden Club. The ladies were very much interested in growing African violets. The main problem there is heat, particularly during the summer when temperatures soar into the nineties. The other problem which I fought constantly against was over-potting. At one show the schedule called for African violets in 6" pots which resulted in a 2" plant in a 6" pot getting a blue ribbon while two nice plants in the proper size pots got nothing. Some plants were in pots large enough to hold small trees.

Many Obstacles

From October 1968 to June 1969 the temperature of my Flora Cart ranged from 65°F. to 88°F. Air conditioning was used part of the time. Average humidity was 90%. The soilless mix worked very well as water runs right through the mix and crown rot was non-existent. During the cooler months it was necessary to water only once a week. As the temperature went into the 80's I watered twice a week. Always one-quarter strength soluble fertilizer was used. Those plants which had been received half rotted and with insects I kept on the balcony facing the ocean. The salt spray did not directly hit the plants. Nevertheless, there was salt in the air but did not seem to bother them. However, the heat did. At 90° there were some blooms but the leaves were brittle and tight and the bloom stalks short. The leaves also hugged the pot. Spraying them twice a day with water and giving them baths under the faucet helped keep them healthy looking but they would certainly not have made show plants.

Jean Sweeting grows her plants on tables in a room that has large windows and doors which can be opened for air. When the sun is strong, she pushes the tables into the shade. During the summer she manages to keep them healthy enough so that when the cooler weather arrives they bloom profusely. So far, she has grown only under natural light but she has ordered some fluorescent fixtures with which she hopes to experiment.

At the April meeting at our apartment I broached the subject of an African violet society and it was decided that the group would like to organize one. Committees were appointed for the creation of bylaws and for the election of officers. However, shortly after that my husband decided to retire again and I therefore could not be president of the new society as was hoped. Since no one else had been president of an African violet society, we could not get anyone to take on the job. Jean Sweeting, because of her husband's position, was overwhelmed with other duties and could not take on more. For a while it seemed that there would be no new African violet society after all. Just as I was giving up the whole idea, a miracle happened.

Society Formed

It seemed that Sydney Sweeting, one of those attending the series of lectures, who had long ago grown lots of lovely African violets, and who was most interested in having a society, was talking to a friend of his who has grown orchids for years. While they were chatting, the friend whose name is Brian Brown, said that he and John Bethell, Jr. had a private contest going on. They had some

time ago asked someone to import for them a hundred African violets and that they had then chosen the best of them and were now growing them and some time in the future they were going to have a private showing to see who could grow the best African violets. They did not know that there was someone in the Bahamas who was trying to create a society. A gleam came into Sydney's eye and keeping his fingers crossed he asked Brian if he would like to become president of the new African violet society. Now, as luck would have it, Brian had been very active in another society and because he felt it was taking too much of his time he had decided to pull out and he was looking for another interest.

"Yes" said he, "I might take on the job but first I want to talk to Mrs. Richardson." To make a long story short, not only did Brian take on the job of president but he also persuaded his friend John Bethell, Jr. to be the first vice-president. At the next get-together we organized the society. Other officers elected were: Jean Sweeting, 2nd vice president; William Neal, 3rd vice-president; John Baker, secretary; Sydney Sweeting, treasurer; and Mrs. Ulysses Davis, historian. None had ever even been to an African violet society meeting, yet they were willing to take on these offices. What other AVSA affiliate can beat this record?

The Bahamas African Violet Society, an AVSA affiliate, meets during the winter on the second Monday of the month. If you are going to visit the Bahamas at any time, do get in touch in advance with John Bethell, Jr., Box 478, Nassau, N. P. and let him know when you are going to be there. They would love to have you visit and answer questions and if you were good enough to be able to give them a brief (or long) talk they would be more than delighted. Plans are under way for a show and to enter plants in garden club shows. They need all the advice they can get so don't hesitate to help them.

CANADA SHOW

The Belleville Horticultural Society will sponsor a Rose Festival and African Violet Show June 27-28 at Centennial Secondary School on Palmer Road in Belleville, Ontario. This is one of the largest flower shows in Eastern Ontario.

None Qualified

Although there were hundreds of entries in the Milwaukee show, none qualified for more than 20 classes, it was learned from Mrs. Glen Hudson, awards chairman.

A cash award, offered by Mrs. Leon Fielder of Madison, Wis., for which none qualified was presented to the AVSA Booster Fund.

X-RAY & MUTATIONS

by Mrs. Joseph J. Larose

It seems since I first became interested in the one and only African violet, that a lot of ground has been covered and many hours of enjoyment as well as learning have followed. At first I was content to raise these plants as is; propagating by rooting more and more of the many varieties one comes in contact with. Then this followed with learning all there was to know about grooming a plant into a perfect show plant; then came, grafting leaves; cross-pollinating; growing from seed; now I am immersed in the fascinating process of growing young stock from X-rayed leaves. I am now experimenting with a batch of irradiated violet seed, which to date, are just coming thru the rooting media. One thing I have observed from all this: There are still untouched facets to be discovered and exploring the possibilities in this field is keeping me spellbound, to say the least.

One thing is certain, I believe that the cuttings derived from the X-rayed leaves are stronger than an average cutting without the radiation and they seem to mature at a faster rate. The cuttings that show decided radiation mutations, aside from their normal parentage *without* the X-ray, reveal their greatest contrast in the coloration of the foliage. The blooms too, will vary from cutting to cutting. The "off-spring" from these first cuttings are more apt to "sport" than on the original cutting you start with from the X-rayed leaf.

With X-rayed leaves you can re-root the leaf many times, for it is strong and will yield up to as many as 20 seedlings per leaf or more. You must not be discouraged if you find no great difference in the first "seedlings" for you may get your best results from the second generation crop of seedlings.

In this type of work, it is advisable to keep an accurate record of each of your sets of leaves. Altho this business of X-raying stock is far from "new"; it is becoming better known among growers than ever before. It seems with more interested persons becoming aware of the possibilities, that we now will learn many more valuable things concerning the African violet and its relation to radiation and the effects.

Radiation Changes

We find that radiation changes the genetic patterns of man and this holds true, too, for the African violet or any other plant life. Some of these changes are not always for the best; for if radiation is given in too large doses, it

will destroy the plant's cells. That is why X-ray is given in such timed doses in humans. The same would hold true in the amount of radiation an African violet could stand and yet go on to live and reproduce. X-ray has proven helpful in promoting stronger and healthier plants that are showing signs of being disease resistant. A good percentage have also shown a resistance to cold. Just these two factors alone could prove to be a boon to growers the world over. However, time and testing will tell a much better story.

Day by day I find a mutation cropping out. This used to puzzle me until I read where the sun's rays are able to cause radiation "poles" that will pass thru a house. Perhaps this explains why I have experienced so many unexplained oddities in my own collection from time to time. The weird part of it is, that all these "freaks" came from the same unit and in the same location in our old granite-walled cellar. One plant in particular recently buffaloes me. I noticed a small seedling growing leaves that were perfectly divided in half, as if a paint brush had drawn a line down the middle of the leaf. On one side the leaf is a solid deep green, while on the other side it is variegated in cream and green. The plant itself is extremely healthy and it happens that just a leaf here and there on just one side of the plant is like this. I did not make it a habit of turning this plant as I do with my other ones, but still it has remained symmetrical in shape. It remains a mystery as to *how* this happened unless in that particular area there is an underground ray passing thru those plants that continue to make their appearance periodically. In the past I laid all this to a genetic weakness, but now I am having second thoughts.

Chemical Tests

Chemicals are used to see the results that can be realized from minute doses applied to a plant over a set duration. I started first with household ammonia. I used 1 teaspoon to 1 pint of water; this I then measured out to 1/3 cup to 1 quart of warm water. I then fed the plant this every time I watered. The seedling I used for this experiment was "Ember Dream". After two months, I had buds appear and they showed no signs of ill effect but continued to mature. The foliage strangely enough took on a deeper, richer color and sheen. It also acted as a crisper for the leaves, which amazed me. When the time arrived to actually see those buds swell into an open bloom, I found the color was *more intense*, more vibrant in contrast to the parent plant. In years gone by ammonia was one of the ingredients used in what was called, "Family Food." It was supposed to revitalize the violets. Using it by itself as I did, I found that a violet thrives on



diluted amounts.

I also wanted to find out if ammonia would have any adverse effects on an African violet's blossoms. I did find that an African violet could be "stripped" of its natural color and expose other hidden pigments beneath the masked exterior. I placed 1 teaspoon of ammonia into a beaker and then took fresh blossoms from every color I have and one by one "washed" off the surface pigment and like magic, each bloom brought forth different colored pigments. The whites, for example, some showed strong yellows while others revealed the greens. Some of the fuchsias and purples re-appeared as a handsome shade of cerulean blue (if only this color could be realized in a blossom); the pinks which normally are *true pinks*, yielded fuchsia streaks with deep green edgings.



BOTH HONORED — Ruth Carey (left), chairman of shows and judges and a past AVSA president, and Helen Van Zele, newly elected president, have both been honored by Tinari's Greenhouses by having African violets named after them. This photo was snapped at the banquet at the Pfister Hotel and Towers in Milwaukee. (Photo by Joan)

AFFILIATE PRESIDENTS GIVE ATTENTION!

A new scale of points for yearbooks was adopted at the 1970 convention.

YEARBOOK SCALE OF POINTS

1. Cover	5
a. Design	3
b. Identification	2
2. Title page	5
a. Identification	2
b. Affiliation (s)	1
c. Number of members	1
d. Number of AVSA members	1
3. Other pages	10
a. Roster	3
b. AVSA addresses club may need	3
c. Club officers	2
d. Club committees	1
e. Club AVSA representative	1
4. Programs—minimum of 7 study program meetings	35
5. Public display of violets	10
6. Project (s) supporting AVSA projects, violet therapy or education	10
7. Functional quality of book (Maximum size accepted 5½" x 8½")	5
8. Quality of programs according to AVSA objectives	10
9. Quality of project (s) according to AVSA objectives	10
	100

If your club plans to enter a yearbook in competition at the San Francisco convention and would like complete information explaining the scale, please send a self-addressed envelope to Mrs. W. F. Anderson, 360 Tulip Drive, St. Louis, Mo. 63119.

Ruth Carey Award

The Ruth Carey award for Affiliated Chapter Leadership was awarded to Mrs. Robert (Ann) Slocomb of Rochester, N.Y., at the 1970 Milwaukee convention. The silver award is given to the individual member of an Affiliate Chapter for outstanding leadership in promoting all phases of chapter activities in accordance with AVSA objectives.

Did You Know . . .

That Pearl Schuman has found out something very helpful about rain water? She moved to Florida three years ago from Detroit. She had a Flora-Cart and many wilted flowers. One day she was telling a friend on the Island about her violets, how good she tried to be with them and how she caught rainwater for them. The woman's husband overheard her and asked if, by any chance, she caught the water off the roof. She did . . . and found out she was giving them "salt." Now they are fine. "Husbands do help, don't they?" she asked.

If your African violets are obviously happy with what you give them, don't change because you read in this or any other book that something else is better.



YOUR LIBRARY

*Mrs. Wayne Schroeder
1739 No. 74th Court
Elmwood Park, Ill. 60635*

Have you ever walked by your local library and said to yourself, "I must stop one of these days and find out what that building contains?"

In so many instances the wealth of material available for our education and pleasure goes unused. This year there are five new programs in the AVSA Library. There is also constant updating of older programs and a waiting list of ideas for new programs in the making. The packets are also made current after each national convention to keep your members up to date on "what's new?" around the country for the African violet hobbyist.

Please check the magazine index of this issue! Once a year this detailed listing is printed so that you may make your plans for using the Library both for your club and your own personal benefit. All of this work has been accomplished by a fine Library Committee which includes the following: Mrs. Lloyd Lamm, Mrs. Joan Van Zele, Mrs. Marvin Garner, John Paul, Forrest Richter and Henry Peterson. A personal THANK YOU in behalf of the AVSA to each and every one of these fine people. We also welcome as new members of this committee Mrs. Duane Champion and Mrs. W. F. Anderson. The many willing and dedicated hands has made the chairmanship job a pleasant one.

We wish to acknowledge the donation of a large number of fine slides from the Metropolitan St. Louis African Violet Society which have been entered into the Library files. This gift is much appreciated. Our Library is growing and will in the future be a fine reference center for the membership who will have fine programs prepared from its files. Forrest Richter and John Paul have recently made available needed slides for current programs. THANKS!

At this writing plans are well formulated for the slide program, "VIOLETS IN VACATIONLAND." Order it now for your club to review the Milwaukee Convention and Show or for those who missed this convention. Use it for a real "first" treat. It will be available July 1 from the Knoxville office. During the past year the following programs have been added to the Library: "Your Favorite Twenty-

five," "A Camera Eye View of Hybridizing," "Violets In Philadelphia," "The Belles of Liberty Land," and "The Trend Is Miniature."

The National Council of State Garden Clubs has now received a slide program on African violets titled, "BEAUTY IS . . . THE AFRICAN VIOLET." A special word of thanks to Neva Anderson for her research efforts on the commentary and also for the donation of slides from her personal collection for this program. Since this program contained excellent material of interest to all violet hobbyists, an identical program was added to the AVSA Library. It contains a fine collection of slides on the history, family background, leaf patterns, blossom colors, and uses of the African violet. It may be obtained from The AVSA Library, P. O. Box 1326, Knoxville, Tennessee, 37901.

Ethel Champion, an authority on and hybridizer of variegated foliage African violets, has given of her time and talent to prepare a program titled, "A PORTRAIT OF VARIEGATED FOLIAGE." You will find not only a fine selection of plants from many hybridizers but also a detailed description of the plants. This is a worthwhile "must" for your meeting to gain interest in a newer facet of the hobby.

Past president, Frank Tinari, has been instrumental in making a sound film, "Cydonia Goes To the Show," available. Through his efforts, Roy Bishop, producer of films and television documentaries, undertook the task of making a film at the Philadelphia convention, tracing a violet from its home environment completely through the Philadelphia show and back to its original home. Anne Tinari, working with the film company, has produced a lively and colorful commentary to accompany this film. This is a "first" in our Society! Mr. Bishop has donated a copy of the film to the Library to be used by the AVSA members. A sound projector is needed in showing this film. The fee for its use is \$30.00 and it may be obtained from the AVSA Library at Knoxville. It is new and it is good!!!

A new packet has been added to the Library. It contains a simple set of bylaws to be



Photo By Burton

ICE BREAKER, Winner of Commercial Junior Queen at New York State African Violet Society Convention. Exhibited by Kolb's Greenhouse.

EVENING SHADOWS— Hi Hill Gardens



Photo By Burton

used as a guide in setting up all of the laws of an African Violet Society. This is the work of our society parliamentarian, Rene' Edmundson. These bylaws will be the answer to the questions of the society who has found their own efforts at writing them inadequate. Mrs. Edmundson, a registered parliamentarian, has spent time and effort on research to prepare this packet. We are in her debt for a job well done.

Now that we know what is in our AVSA Library, we will be able to use and enjoy it for our education and pleasure.

Awards Needed For 1971 Show

*Mrs. Glenn B. Hudson
Awards Chairman*

The Awards Committee is looking forward to 1971 and the AVSA convention and show at San Francisco.

For many of our members attending the beautiful Convention show at Milwaukee the awards and trophies given to our members for their prize winning entries in the show were one of the highlights. It is always interesting to see what a grower has been able to do with their prize winning plants. How the plants respond to the Tender Love and Care very lavishly bestowed by the person growing and grooming the plant? What specimen plant in the Horticultural Show or entry in the Design Division is the Best in show, runner up, etc.? It is very fitting that at our AVSA shows we are fortunate to have many awards to give our prize winning entries. From the expressions of joy and pride our winners display when receiving the awards, it is very evident that they are thrilled to have attained a degree of success and have tangible evidence of their accomplishment.

The Awards committee is now receiving awards and trophies for the 1971 Convention Show to be held in San Francisco. Our long term sponsors have agreed to continue to sponsor their usual awards for next year's show. However quite a large number of each year's awards are for a specific show; therefore, it is necessary to secure new sponsors for the San Francisco Show.

Sponsor An Award

The sponsoring of an award, while very gratifying, is a very simple matter. We require a few basic rules; (1) All awards are accepted on the basis that any AVSA member is eligible for consideration. (2) The award must

not present impractical Judging problems or make unwarranted additional classes in the show schedule. (3) It is not possible to always allocate an award to a specific class (many of our long term sponsors have been giving awards for specific classes; also, some other sponsor may have requested the class earlier)

The awards may be cash or some suitable item, the cash awards to be paid by check, made out to AVSA and mailed to Mrs. Glenn B. Hudson, Awards Chairman, 761 Belvidere Avenue, Westfield, N. J. 07090. All items other than cash are to be sent to Mrs. Edward N. Blair, 213 Alhambra Avenue, Vallejo, Calif., 94590, our awards member from the San Francisco area. The items to be sent any time so as to arrive prior to March 20th, 1971.

Date for Listing

In order for an award for the San Francisco Convention to be included in the January 1971 issue of The African Violet Magazine, the awards chairman must be advised by September 25, 1970. Any awards accepted between September 25th and December 1, 1970 will be listed in the March 1971 issue of the magazine.

Under Lights . . .

Plants Need More Water

When African violets are grown under lights, they should be fed and watered more often due to the greatly increased growth stimulus from lights. One home grower has been extremely successful using water-soluble fertilizer according to directions and then going over each plant with a small amount of clear water to flush out any excess salt that can accumulate. Plants grown on window sills in natural light should also be fed every seven to ten days.

Watering need never be a chore, though it is known to cause much concern.

Top watering done carefully around the rim of the pot is the simplest way. To water plants eliminate guess work, use warm to tepid water and provide only the amount the plant needs.

Never allow plants to dry so thoroughly that wilting occurs and fibrous roots are injured.

Do not saturate soil with excessive water that cannot drain but remains in a soggy condition. This prevents lack of air circulation which causes bud blast and droopy foliage.

Overwatering can result in crown rot, botrytis and the spread of fungus diseases. The idea is to keep soil moist to the touch.

SAINTPAULIA SPECIES AND I

(ED. NOTE: This is the last of a series of articles concerning Saintpaulia Species.)

Mrs. Glenn B. Hudson

761 Belvidere

Westfield, N.J. 07090

Saintpaulia (African Violet) Species

NOTE: S. is used as an abbreviation for Saintpaulia. The name of the botanist who classified the species and the date of classification are given. The flowers for all the Saintpaulia species are single and this information has not been repeated when describing the flower.

There are three of the listed species that I have not grown. To the best of my knowledge they are not available in the U.S.A. The items are *S.inconspicua*, *S.magungensis* var. *occidentalis* and *S.pusilla*. From information I have read, a brief description of these would be:

S.inconspicua **B. L. Burtt** **1958**

A small untidy plant with small white flower having a blue spot. Not known to be cultivated here. While originally marked a *Didymocarpus* in the herbarium, it has later been properly identified as a true *Saintpaulia*.

S.magungensis var. **occidentalis** **B. L. Burtt**

Mr. Punter reported seeing them grown in a field of about 1¼ acres, mostly in soil, but no flowers. However, the seed pods indicated that there had been flowers about two months before. Mr. Burtt wrote, "When first introduced, this plant grew vigorously and for two seasons refused to flower. However, good flowering plants have been raised and it is certainly a more attractive plant than the typical *S.magungensis*. I have been greatly tempted to anticipate that it will be eventually ranked as a species, but it seems advisable to stick to the evidence actually available and to admit that this does not at present do more than justify varietal status".

S.pusilla **Engler** **1900**

Has been described as the smallest of the species. At one time there was some confusion between this species and *S.goetzeana*, partly due no doubt to their growing together and having bicolored flowers; white with two upper petals mauve. They were carefully studied in the field by Dr. W. J. Egging and his observations left him convinced that the species are distinct. Mr. Peterson states that, "*S.pusilla* is missing at present. I believe that the last known information was that it was present in Berlin and probably lost during the bombings. I understand a search has been made in Tang-

anyka but it could not be found".

Not Identified

I have grown two plants thought to be Saintpaulia species but never properly identified. My descriptions and comments follow:

House of Amani

A single crown plant with excellent rosette. dark green, shiny and almost heart shaped with reddish reverse. Flower, small, light purple. A free bloomer but unfortunately the peduncles are so short that they often bloom under the leaves, also the blooms fall off quickly. A hardy plant but one that does not appeal to me. Mine have never formed suckers.

Sigi Falls

An erratic plant. Leaves thick, generally ovate but not all the same shape, beautifully veined, red reverse. Does best as a multiple crown, when grown as a single crown it is not at all symmetrical. Flowers medium sized, medium violet color, many on a peduncle. The most generous thing I can say about Sigi Falls is that it is a hardy plant, easily grown and a good bloomer.

Not in Listing

In reviewing some of the older books etc. two names appear that are not included in the current AVSA listing of the Saintpaulia species: *S.amaniensis*

Not listed since 1964. This plant has been definitely identified by Mr. B. L. Burtt as only a slight variation of *S.magungensis*.

S.kewensis

The plant first known as *S.kewensis*, then for some years erroneously called *S.diplotricha*, was definitely identified by Mr. Burtt as *S.confusa* in 1956.

The Usambara Violet, as Baron von St. Paul, its discoverer, called it, has come a long way. Our beautiful modern Saintpaulia hybrids, (African violets), bear little resemblance to the plants discovered in 1892, *S.ionantha* in the foothills and *S.confusa* at a higher elevation, in the Usambara Mountains. A comparison of the improvement made in our favorite house plant would be to compare a beautiful Peace rose with the wild rose found in the fence rows.

I feel that having a few well grown Saintpaulia species entries in our African Violet Shows is not only educational but keeps before our members and the public our heritage from the Saintpaulia species.

Memorials Help Boyce Eden Fund

Mrs. Paul O. Gillespie
5201 St Elmo Ave.
Chattanooga, Tenn. 37409

Research work continues through money provided by the Boyce Edens Research Fund. We are indeed appreciative of the many memorials sent us by clubs in memory of deceased members. We are grateful, too, to those dedicated AVSA members who donate their speakers' fees to the Boyce Edens Fund.

The following contributions were received since the March list was printed and we express our thanks to each donor:

Daytide AVS of New Berlin, Wis.	\$ 5.00
Santa Clara Valley AVS of Calif.	25.00
Fort Worth AVS of Texas	10.00
Pioneer AVS of Norfolk, Va., in memory of Mrs. C. M. (Sue) Ward	5.00
AVS of Greater Kansas City	25.00
Crosstown AVS of Madison, Wis.	5.00
Long Island AVS in memory of Homer Boltz	100.00
Springfield, Mo. AVS	5.00
Evanston Saint Paulia Club. Evanston, Ill.	10.00
Boot Hill Saintpaulia Club, Dodge City, Kansas	2.00
Town & Country AVS, Belvidere, N. J. in memory of Kay Gaug	5.00
Norhline AVS of Houston, Texas	20.00
M. L. Brown (personal) Cape Cod, Mass.	5.00
Lawrence AVS, Lawrence, Kansas	10.00
AVS of Canton, Ohio	5.00
Harmony AVS of Houston, Texas	10.00
Southern Conn. AVS	5.00
Friendship AVS, Bonham, Texas in memory of Mrs. Bess McCormick Catron	10.00
Cinderella AVS of St. Louis, Mo.	5.00
Fringette AVS of St. Paul, Minn.	2.00
AVS of Stanton Island	10.00
Symphony Circle Garden Club, Bridgeton, Mo. in lieu of speaker's fee to Mrs. W. F. Anderson	10.00
Countryside AVS of Madison, Wis.	5.00

In Memoriam

It was with much sadness AVSA members learned at the Milwaukee convention of the death of Mrs. Pearl Turner Best, a longtime AVSA member, a former director, and an enthusiastic African violet grower. We extend our heartfelt sympathy to her family.

Attention Judges!

At a workshop held at the Milwaukee 1970 convention the judges decided they would like to have a news letter 4 times during the year on a trial basis. The letters would contain all the new and up-to-date changes, additions or new rules, and other material and information that would help and assist the judges. Anyone desiring these 4 letters may send a check for \$1.50 to Mrs. James B. Carey, 3900 Garden Drive, Knoxville, Tenn. 37918.

Fort Collins Violeteers, Fort Collins, Colo.	5.00
Rosewood AVS, Alton, Ill., in memory of Mrs. George Thompson and Mrs. Edwin Acuncius	5.00
Baton Rouge, La. AVS	5.00
Urban Suburban AVS, Chicago, Ill.	5.00
La Violette Club, Monroe, La.	5.00
Metropolitan AVS of Washington, D. C. in memory of Miss Clara Gould	10.00
First AVS of Dallas, Texas	10.00
Falcon Hgts, Hi Loa AVS of St. Paul, Minn.	\$ 2.00
Rainbow AVS #5, St. Louis, Mo.	5.00
The Lincolnia Hills Garden Club, Springfield, Va. in lieu of speaker's fee to Mrs. William Munson	10.00
In memory of Ruth and Harold Ricker, AVS of Pioneer Valley and Bay State Group of Springfield, Mass.	15.00
Long Beach AVS, Long Beach, Calif. in lieu of speaker's fee to Mrs. Joan Van Zele	10.00
Queen City AVS of Cincinnati, Ohio in lieu of speaker's fee to Mr. Henry Peterson	10.00
Bergen County AVS of N. J.	25.00
AVS of Rochester and Vicinity, Rochester, N. Y.	5.00
AVS of Trenton, N. J.	10.00
Donation by Grace Gillespie. expense for BERF 1969	12.00
Tonka Delight Violet Club, Mound, Minn.	5.00
Tri City Violet Club, Piqua, Ohio	10.00
Alamo AVS, San Antonio, Texas	25.00

Let's All Go To Hawaii!!

Join the AVSA Post-Convention Hawaii Tour after attending our 1971 meeting in San Francisco. Nine Days—April 24 to May 2, 1971.

Spend four nights in bustling Honolulu; a day and a night on lush tropical "Garden Isle" of Kauai; a day of sightseeing on historic Maui and then on to the "Big Island" of Hawaii for two nights on the Kona Coast and via Hawaii's National Park for a look at famous Mauna Kea Volcano, and on to Hilo for one night.

Price is approximately \$550 per person on sharing a twin-bedded room. This includes round-trip, economy-class, air transportation from San Francisco, first-class hotels, meals on the outer islands, all transfers, and a comprehensive program of sightseeing on all the islands.

Special-events will be included, such as a "Luau", or Hawaiian Feast, dinner at the Polynesian Cultural Center.

Look for more detail and information in our next issue.

Contest Winner

Mrs. Jesse Biegemann of Dousnan, Wis., was winner of the Krogman Award, offered by Mrs. Adeline Krogman, membership and promotion chairman, for the best promotional poster entered in the 1970 AVSA convention in Milwaukee.

REGISTRATION REPORT



*Adele Tretter, 4988 Schollmeyer Ave.
St. Louis, Mo. 63109*

The following registrations have been received during the period from November 30, 1969 through February 28, 1970:

CHARADES (2040) D-B 8 d S 1-5-70
JIMMY WATSON (2041) D-PVX 2 s S 1-5-70
NETTIE BORRON (2042) L-BVX 2 sf S 1-5-70
PROMO (2043) L-OWXE 5 df S 1-5-70
SISSY BRITCHES (2044) L-BVX 2 df L 1-5-70
Mrs. Herman Kienzle, 68 Bayview Ave., Staten Island, N. Y., N.Y. 10309.

GIANT STEP (2045) D-P 2 s-d L 1-8-70
LILAC WONDER (2046) OX 245 d S 1-8-70
LUCKY PLUM (2047) R-O 2 d S 1-8-70.
MOON MAGIC (2048) D-VWE 29 s S 1-8-70.
MOON WALK (2049) R-PWE 39 d S 1-8-70
ORCHID LUSTER (2050) OXD-E 3 d S 1-8-70.
PINK CHINA (2051) P 2 d S-M 1-8-70.
POMPOM DELIGHT (2052) D-R 8 d S-M 1-8-70.

POODLE TOP (2053) O-P 239 df S 1-8-70.
RED BEAM (2054) D-R 2 s S-M 1-8-70.
WINNIE (2055) RWE 39 d S 1-8-70
WISTERIA (2056) O 2 d L 1-8-70
Tinari Greenhouses, 2325 Valley Rd., Huntingdon Valley, Pa., 19006.

DON (2057) DVX 3 s S 1-14-70
LEOLA (2058) D-O-PWE 39 sc S 1-14-70
PEGGY (2059) L-PVC 2 sc S 1-14-70
Mrs. John J. Kreska, 13574 Brookgreen Dr., Dallas, Texas 75240.

CHITY-CHITY BANG BANG (2060) WVE 3 d L 1-15-70
KRAMER'S ECLIPSE (2061) D-BWE 3 df L 1-15-70
KRAMER'S FOREVER YOURS (2062) M-BWE 35 df L 1-15-70
KRAMER'S GEM DANDY (2063) M-BX 3 d L 1-15-70
KRAMER'S LIBERTY BELL (2064) M-BWE 3 d S 1-15-70
KRAMER'S NATURAL BLUSH (2065) WPC 3 d S 1-15-70
KRAMER'S PEEK-A-BLUE (2066) L-BWE 39 dfc L 1-15-70
KRAMER'S PETTI POINT (2067) WPGE 3 df S 1-15-70
KRAMER'S SCULPTURED CHARM (2068) R-P 3 d S 1-15-70
Mrs. Elmer Kramer, 2923 Portugal Dr., St. Louis, Mo. 63125.

ORION (2069) W 2 d S 2-7-70
Tonkadale, 3739 Tonkawood Rd., Minnetonka, Minn.

FRILLED DANDY (2070) WGE 3589 s-dfc S 2-17-70

C & N Mallette, 171 Division Ave., Shelton, Ct. 06484.

GUS (2071) D-R 23 d S 2-17-70
Swifts' Violets, P. O. Box 28012, Dallas, Texas 75228.

RESERVATIONS

Reservations received during the same period are as follows:

HOT DROPS—IVORY BUTTONS—KAY RUSSELL—SHINING PLUMAGE—1-3-70.

Reserved by Champion's African Violets, 8848 Van Hoesen Rd., Clay, N. Y. 13041.

KRAMER'S DOTTY TOP—KRAMER'S FANETTE—KRAMER'S PRIDE OF WISCONSIN—1-15-70.

Reserved by Mildred Kramer, 2923 Portugal, St. Louis, Mo. 63125.

COUNTY BELLS—2-12-70.

Reserved by Mrs. Charles Gaines, 5412 Jamieson, St. Louis, Mo. 63123.

CORRECTIONS

PINK DIAMOND (1835) 4-7-68 Changed from Semi-Miniature to Standard.

KANSAS CITY CHIEF (1933) 5-20-69 Changed from green edge to a white edge. Also changed to a Semi-Double. Code—LRWE 359 s-dfc L.

Please make these changes on your list.

Perlite vs. Vermiculite

Here's what The Avant Gardener had to say about perlite and vermiculite when a reader asked: "How do perlite and vermiculite differ—and when is one better to use than the other?":

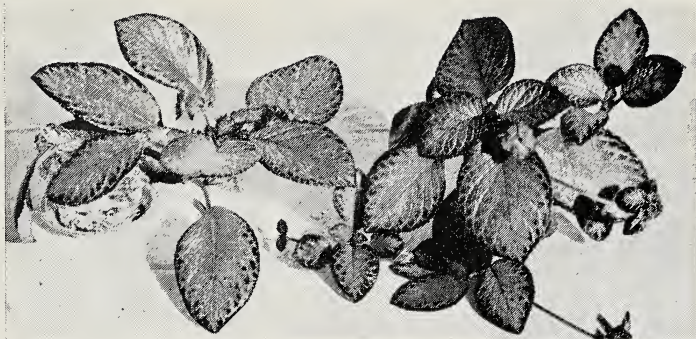
"Both materials will hold large amounts of water, but vermiculite also has high cation exchange capacity (ability to hold nutrients available) and high buffering capacity (slows changes in pH). It permits higher fertilization rates, and itself supplies some potassium, calcium and magnesium. However, its plate-like structure is easily broken up in handling, which can lead to compaction and water logging. Perlite does not break up easily, but has little cation exchange and buffering capacity, and contains no nutrients.

"As a general rule, we would say, perlite is better where aeration and low nutrient content are desired—in starting seeds and rooting cuttings—while vermiculite is best suited to rooted plants."

For Fine Foliage . . .

Discover the Episcia

By Charles O. Wisham



African violets have become the most popular house plants, but their close relative the episcia remains little known. Our visitors always exclaim over the beautiful foliage of our episcias trailing from hanging baskets or spreading over flower stands. Invariably, they want to know the name, and where they can obtain plants. We could name many sources, but usually we just give them slips, because they are so plentiful. One good plant, if allowed to produce cuttings to its full potential, could soon overrun an average home. The slips will develop into nice plants in about a year.

Episcias (pronounced e PISH ah) belongs to the Gesneria family. It is native to tropical America. Besides the African violet (*Saint-paulia*), some other members of this group are *achimenes*—popular for hanging basket plants, and *sinningia*—which is otherwise known as *gloxinia*.

Although episcias all bear flowers, ranging in color from red through pinks to white (and even one yellow), they are valued mainly for rich colorful foliage. Because of their growing habit they are ideal for hanging baskets or for pots displayed on stands where plants can trail down.

Growing conditions needed are much like those of African violets. Episcias can stand most home conditions, but devices to increase humidity will help them—shallow trays of water placed on radiators, or trays filled with pebbles or poultry grit, then water with pots placed on the pebbles. We have grown episcias satisfactorily in north, east and west windows; but when we put them in south windows we have to shield them some way from intense midday sun.

Good Soil

Episcias cannot safely take quite such cool

temperatures as the African violet. A minimum is about 55 degrees. We grow them in loose soil such as approximately equal parts rich garden loam, peat moss and leaf mold—with a little crushed charcoal added, and also a little sand if the soil is heavy. I feel that rigid formulas for soil are misleading, because you should take into account the texture of the soil and quality of the leaf mold. A good test is to pour water gently on the soil mix. If it absorbs readily, it is friable and will grow good episcias.

For the first potting, a three inch pot is best. If you let the plant be slightly pot bound, it will be more vigorous and will bloom better. After plants are well established, start feeding them about every ten days with a plant food such as that sold for African violets. Let the plant dry out a little before feedings. I think surface watering is best, because it enables you to keep close check on moisture conditions in the pot. The old idea of standing pots in saucers of water too often resulted in water-logged soil and root rot.

Needs Pruning

To make an episcia more vigorous and prolong its life, prune it. We have a plant we feared would deteriorate because it was old and had grown profusely. So we cut it back to within three inches of the base. In a few months, it produced new runners. Now it is making a two-foot spread over its plant stand and is flaunting several scarlet flowers.

Do not expect from episcias the abundant flowers you get from African violets. The miniature bell-like blooms are rather sparse, but nevertheless striking against the rich-hued foliage.

Cuttings are simple to propagate. Merely root them in water, sand or vermiculite. I prefer vermiculite and sand mixed, because I

seem to find a stronger root formation. Runners develop that will remind you of strawberry plants. Take cuttings by severing new crowns about four inches below their tips, and just below the two leaves that send out this runner. Trim these two leaves off. Then insert the slip into the rooting medium. Thus the crown will consist of six leaves of various sizes, making an attractive plant even as soon as you pot it. The cutting will root in about four weeks.

Many Species

Episcias come in many species and varieties. Some I like are:

E. cupreata—with glossy green foliage richly marked with silver and copper tints, and

scarlet flowers that are produced more freely, it is claimed, than in most varieties.

E. dianthiflora—with small hairy green leaves marked with brown veins, and white fringed flowers.

'Acajou' — hairy leaves conspicuously marked with silver, green and brown. Hybrid. Flowers scarlet.

'Emerald Queen'—hairy green leaves. Hybrid. Scarlet flowers.

'Harlequin'—greenish white leaves with brown margins. Scarlet flowers.

'Pinkiscia'—dark brown foliage, pink flowers. Hybrid.

'Sylvan Beauty' — smooth silvery green leaves with light brown margins. Hybrid. Scarlet flowers.

(Reprinted through courtesy of Flower and Garden)

Hearts and flowers (And Ribbons, Too)

Mrs. Hendrik van Laer
39 Fleetwood Avenue
Albany, New York 12208

For me, no flowers are so satisfying to grow as African violets. They reward my regular and loving care with blooms all year long. Occasionally some of the newer varieties are not constant bloomers but are too beautiful and spectacular to miss when they do bloom. If such is the case, a few substitutes can be grown to put in their place during the budding period.

Our house is small but every window is full of flowers, not part of the time but all during the year! Of course, I have to use some shade in Southern exposures but a length of Saran wrap or wax paper provides this very easily.

Our home is a happy, cheerful place and the flowers gladden our hearts. Even the radiator enclosures provide good places to grow violets although I do have to open the glass curtains every day and replace them every afternoon. Work? Of course not! Who minds when our hearts are gay and the rooms full of flowers?

1st Prize Winners

Properly taken care of, these plants can be entered in shows and take ribbons, not 3rd, not 2nd, but 1sts. I know because I have done it many times.

Of course, the basement is a wonderful place to grow my beauties—huge and full of flowers. I fertilize every week with the normal solution of Hyponex (7-6-19) and never (no, never) use more than a four-inch $\frac{3}{4}$ pot. Yet, I have had plants measuring 40 inches

across, covered with flowers!

If I want to enter in a show, I just put my plants nearer the lights (10" - 12") and continue regular feeding. Suckers are no problem; nor dead or discolored leaves. They are always taken care of as soon as they appear. Year-long my basement is a fairyland of flowers. I feel that if violets were meant to be de-budded and *forced* to be without bloom for nine months, God would have made them that way!

Don't tell me that de-budding is necessary. I don't believe it! I have Queen of the Show statues and a big box of blue ribbons and rosettes to show for my efforts. Twice a year I dust the box of ribbons and never look at them. My violets I see all the time. They feed my soul, they gladden my heart and a box of ribbons show I've won Queen of the Show, Queen runner-up and largest blooming plant leaves me absolutely cold! I have entered as many as 25 plants at a time and have a blue ribbon to show for every one!

Enjoy Plants

So please, let your plants bloom, enjoy them as they are meant to be enjoyed and learn the heart-warming delight, not of blue ribbons (although you can have that, too!) but of flowers all year long!

Happy growing!

DID YOU KNOW . . .

That the first violet Sheldon Reed ever bought was "Pink Beauty?" It was a gift for his wife. Soon he bought her "White Lady" and it was because of these two plants he became an African violet enthusiast.

Propagation By Leaves

Mary Tompkins
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Propagating African violets by leaves is a favorite method used by most growers. When selecting a rooting medium for the mother leaf, much thought must be given to the nutrients she receives. All nutrients supplied must be those which will toughen the cells of the top growth and the root system. The roots are the business end of our plants and here is where we want to concentrate in the very beginning of our plant's life. As the mother leaf is raising those babies, there must be calcium, phosphate and potash in the tiny cells and in the cells that one day will give us those lovely blooms which we all long for.

I usually choose vermiculite, Sponge Rok, charcoal potash (greensand) and phosphate rock for my rooting medium.

Vermiculite is a nicaceous material that has been heated to 1400 degrees Fahrenheit. It has the capacity to hold nutrients in reserve and release them when needed. Vermiculite contains a certain amount of potassium and magnesium that is available for the growth of plants; also a small amount of calcium. This report was given by Russell C. Mott of the Department of Floriculture and Horticulture of Cornell University.

The white pellets of *Sponge-Rok* are filled with tiny holes which store air, plant food and moisture, and helps to prevent waterlogging; also lightens all soil mixes.

Charcoal has no food value, but cannot be over-emphasized, for it does play an important role. Its most important use is to collect and conserve nitrogen until it is needed by the plant roots, and is a most perfect purifier. It sweetens the soil and destroys injurious acids. It is exceedingly valuable when rooting leaves.

Potash is a great root builder. It helps to produce vigor and a disease resistant, and provides a strong foundation which will be needed in the growth of your plants. It, too, contains a small amount of magnesium, lime phosphorous and many trace elements. Phosphorus is a most important element in the very beginning of a young baby's life. Phosphate rock is ground extremely fine, allowing most of it to come in contact with the plant roots. The roots give off hydrogen and this combines with carbon dioxide in the rooting mix, which produces carbonic acid. This works upon the tiny

particles of the phosphate rock, which makes the phosphoric acid available to the roots. This is most essential in the early part of your plant's life or in other words, for that precious Mother Leaf which you are so anxiously waiting for her "motherhood."

Leaves will root faster in individual pots, as it confines the roots and develops young plants faster. After planting your leaf, place a pick-up stick or two in your pot, drop a small size plastic bag over your pot. This helps to produce humidity (which your leaf must have). Keep your medium moist. Give leaves good light and warm temperature. As soon as the babies appear, start a weak fertilization (one drop of Atlas or Blue Whale to the cup of water). When babies are one inch tall, cut off your Mother Leaf and start foliar feeding. All the strength will now go into the baby plants. This will give you a better, and stronger plant faster than is possible any other way. Never let the medium dry out. This is *disastrous*. Those tiny roots are so tender and they are filled with all the nutrients you have given to that prized Mother Leaf. The roots will die so easily and then you have unknowingly allowed your plant to have a great set-back from which sometimes there is no recovery, or no return.

Here is my rooting medium:

- 2 cups of vermiculite
- 2 cups of Sponge-Rok
- 1 cup of charcoal
- 1 heaping tablespoon of greensand (potash rock)
- 1 heaping tablespoon of phosphate rock

Dampen this down the night before you set your leaves with 1 quarter teaspoon of Start, to a quart of water, or if you prefer 1 drop of Superthrive to the gallon of water (warm). In this way your medium will be well-dampened.

Helpful Hints

Vera O. Blye
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Bellerose, L. I.,
New York 11426

I collect rainwater in gallon bottles, eight altogether. Because it was difficult to keep the bottom of the bottle clean, using several brushes, it would cause sludge to form and ruin the rainwater.

A "Helpful Hint" would be, whenever a bottle has been used and is entirely empty, simply pour in a small amount of clorox and keep it in there until you are again ready to fill the bottle with a new amount of rainwater. Rinse the bottle and presto! It is shining clean and no more sludge.

Exhibiting And Judging

Ruth G. Carey

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There have been several inquiries from judges as to why their names were not listed as judges in the September magazine. If you will check the schedule in the AVSA magazine, you will find that in the September issue names of all judges are listed. This list is made up prior to the deadline date for the September issue which is June 1. So in order to meet the June 1 date it is necessary to make this list around the middle of May. All names of both refresher students and new judges must be in the hands of the AVSA chairman of Shows & Judges no later than the middle of May in order for their names to be published in the September issue. If the names are received after this date, it will be a year later before the names will be published.

The only exception is when a name has been omitted or an error made, in which case a correction is made in the next issue of the magazine. It is impossible to prepare a new list of judges for each issue of the magazine.

ATTENTION JUDGES CHAIRMEN OF LOCAL SHOWS:

When inviting judges for a show to be judged, ask them if their certificates are in good standing. It might avoid an embarrassing situation from developing. Please check judges membership cards before judging begins.

Q. Should the 3 dimensions required for niches also be required for entries to be staged without niches?

JUDGES' TRAINING SCHOOL SCHEDULED

A Judges' Training School will be held in connection with the 1970 convention of the American Gloxinia and Gesneriad Society, Inc., June 26-27 at the Holiday Inn in King of Prussia, Pa., near Philadelphia.

Applications should be made with Mrs. Joseph Batcheller, Box 331, Durham, N. H. 03824. A fee of \$2 will be charged to cover cost of materials. Checks should be made payable to the American Gloxinia and Gesneriad Society.

Membership in AGGS is a prerequisite for attending the Judges' School. Those who wish to attend may send their \$4 membership fee to Mrs. Diantha Buell, Eastford, Conn. 06242.

A The rule applies only to niches.

Q. In the scale of points for judging a standard show, what is the correct percentage of club members exhibiting?

A. Page 49 "African Violet Handbook for Judges & Exhibitors." "Based on 1/2 of membership—which is the total membership of all clubs which compose the Councils or Societies."

Q. Is it permissible for an exhibitor to enter the same plants in the class for the Gold & Purple Rosettes in more than one local show?

A. Yes, if the shows are sponsored by different clubs. Each Affiliated organization may apply only once each year for the Gold, Purple and Green Rosettes.

Nun Finds Use for New Light Reflector

Sister M. Clare

Dominican Convent

Mission San Jose, Calif. 94538

Not enough light in a very dark basement was my problem until I read of the new light reflector in the November African Violet Magazine.

In October a friend sent me 18 starter plants, one being ready for a three-inch pot. All but one tiny one survived. In November I put the reflector lining in my fixtures. My basement was a glow of reddish light that attracted the Sisters, who came downstairs to see if Christmas had come early.

I rooted 21 leaves that broke off the new plantlets. These were rooted in coarse Spongerok and vermiculite wet with Hyponex 20-20-20, covered them with a thin plastic and set them with others planted months ago at the outer edge of the table. In seven weeks several had little leaves up. In January all had little leaves. I put them into two-inch pots with a teaspoon of soil in the bottom. How they grew! The others, rooted long before, are still far behind. "More So" has bloomed twice; "Pretender" is full of red bloom, "Triple Threat" has a spread of nine inches. "Singing Surf," now transplanted, is nine inches across and has bloomed twice.

All this in two months under this new light!

MRS. RIGHT AND MRS. WRONG

Mrs. Sewell B. Jackson
1120 E. Delmas
Nashville, Tenn. 37216

Two close friends and neighbors decided to have children. As children, when they asked their mothers where they came from, they were told they came from a cabbage leaf. Now, to us, that is a myth, but to Mrs. Right and Mrs. Wrong, there was an element of truth to this, as their babies were coming from violet leaves.

The expectant mothers eagerly watched the leaves, and anxiously waited until they could see their babies beginning to take form. They were so happy about the coming blessed event. So as most prospective mothers do, they began preparing for the comforts of their expected babies.

Mrs. Right selected a small baby bed, and bought the proper bedding. The nursery was to be light and airy. She mixed the proper formula, and set up a proper feeding schedule.

Now, Mrs. Wrong, poor soul, also bought a bed for her child, but it was a big roomy one, and she decided to wait and try out a number of formulas she had heard of, and make a guinea pig out of her child.

Well, the babies were finally ready to be placed in their nurseries. Mrs. Right placed her baby in its bed, and tenderly tucked her in. Mrs. Wrong just plopped her child in the center of the bed, threw the covering over it, and said; "Now youngun, start growing."

Daily, they watched to see how the children were progressing. Mrs. Right's took off by leaps and bounds, but poor Mrs. Wrong's just sat there in his bed. Before long, Mrs. Right had to buy a larger bed for her child, as it was pushing out the bottom; but Mrs. Wrong's just sat there.

Finally, Mrs. Wrong could stand it no longer. She was green with envy, yet disturbed by the slow growth of her child. She called Mrs. Right and confessed her envy, and with humility asked why Mrs. Right's child thrived, and hers just sat in his bed doing nothing. She said, "I'm so worried about my son, I need help, and need it badly. Will you please give me your rule for rearing your child?"

So Mrs. Right said, "First, let's talk about your child's bed. It's too large for him." "Now wait a minute," said Mrs. Wrong. "You bought a small bed for your child and already she has outgrown it; and you have had to buy another one. Beds cost money, and another thing, my child needs a big bed so he can grow and de-

velop. But you know what, that youngun of mine just sits in the middle of his bed and does nothing. I do declare, I believe he is either retarded or just plain lazy."

"No your child isn't lazy or retarded, but if you want a strong healthy child, he should be bed bound, (some call it pot bound), and his mattress should be loose and porous," said Mrs. Right.

Health Hint

"Now another question. How often do you bathe your child?"

"Bathe him? He don't need no bath. He don't do nothing to get dirty. He just sits in the middle of his bed and does nothing."

"Now, there is where you are wrong. A clean child is necessary for a healthy condition, and it also shows that you give him careful attention. He should have a clean appearance, and be sure to let him dry away from the sun, and keep him out of drafts. Another health hint, is to be sure and sterilize his bed, and keep it clean inside as well as on the outside."

"Mrs. Right, I want to ask another question. I believe in plenty of good sunshine. For a while, I gave him all he could get. Then I noticed he was turning yellow, like he had the jaundice, so I put him in a dark place, and it was worse. He began to look like a broom stick; all arms and legs. So what is wrong?"

"To answer your questions, you should have the proper amount of light in his room. You exposed your son to too much light, then not enough. I would suggest you place him in an eastern or northern exposure, but be sure the light is filtered on bright summer days. If you don't have sufficient light, you can use artificial light to supplement it, even if there is plenty of sunshine out doors.

"Of course, feeding your child is very important. You can either over or under feed your child. The smart thing to do is to give him a well-balanced diet. Here are some things to remember: If you feed your child nitro gen, it will promote strength and stimulate growth generally, but too much will make him spindly and he will not 'flower into production'. Phosphorus is good for his veins (or roots). It gives him a constant push to bloom and to seed production. Lack of it, or too little, will result in poor color, and his body (leaves) will be insipid and weak, look droopy in appearance. Bone meal is good for him. If you give him potash, he will have a clear lustrous look, as well as ward off diseases, and intensify his color and stabilize his growth.

"Humidity is the most important part in

your child's growth. If the humidity is low in your child's room, you might put trays of wet sand near his bed, or a vessel of hot water under his bed. You might even spray him if there is no sunlight, or you could boil water in his room. In cold weather, you should permit some air circulation around him, but be sure to keep him from drafts or direct cold air.

Proper Ventilation

"If the weather is very hot, it is important to have proper ventilation, if you want him to be healthy. For his mattress (or soil) use one that is loose and porous, and be sure it is well drained. We don't want our children to lay in a wet soggy bed. It will cause his mattress to pack and become hard. Always sterilize his bedding as a precaution against disease and insects.

"You should always keep your child's room at a temperature of 60-69 degrees at night. He will really love it, but he will grow in a temperature of 60°. In the day time, the temperature 5° or 10° higher. Should it drop below 50°, he may stop growing, or won't flower like he should; and may even die. After dark, it won't hurt if the temperature drops 10°. That's the way nature works, when the sun goes down. And should it turn real cold, put a paper or some other protection in the window. It will prevent injuries from too low temperature. You don't want him to catch cold or pneumonia."

"Mrs. Right, how much water do you give your child? At first I gave him very little, and he looked like he was going to dry up. Then I really poured it on him, and he nearly drowned. He was sitting the middle of his bed hollering, "Help I'm drowning". It was hot and I gave him plenty of cold water, and he almost had a chill. I am at my wit's end. Please help me."

"First the water should be at room temperature. Never give him cold water. If you do, and let lay in the sunlight with water on him, he will develop spots. If the humidity is high, don't give him water often. If he does look droopy, it shows you have neglected his water needs. If he is unusually thirsty, place him and his bed in a container large enough to hold both, and let him remain in the water until his thirst is satisfied or (thoroughly soaked.) This in time will really perk him up."

"Thanks for your help, but it is getting late, and I must go home. Just one more thing; that youngun catches every disease going around. Yours never is ill. What is your method?"

Mealy-Bugs

"Well, I am so grateful for a healthy child, but tell me about your problem. At first, he had what I thought was chicken-pox (as he

had white spots and had puffed places on him. He looked dull and dusty, and had a grayish webby appearance. That wasn't chicken-pox. He had a case of mealy-bugs. If you had applied a cotton swab dipped in alcohol to the infected areas, and washed him gently afterwards, you could have gotten rid of them.

"The next thing I noticed he had swollen knots on him. I was worried sick about him. He looked all dull and droopy, like he did when I didn't give him enough water, and he was growing extra toes and thumbs (some call them suckers). I was desperate. Do you have a remedy for this?"

"Yes, the best thing is to sterilize his mattress (soil).

"I saw some little things just scooting around in his bed, and believe me, I have never seen anything like it, wonder what they were?"

"They are called spring tails. I would advise you to feed an organic bedding, and dust or spray dust with DDT, etc."

"Well you have been most helpful, and I do thank you. Do you have any more suggestions?"

"Yes, I have one more. A few friends formed a club, and we meet and discuss our children's problems. It would surprise you what we learn about feeding, health and what's good for the children. I would suggest that you join a club, and who knows your child may grow up and be a blue ribbon winner in a show!"

Learning Process Isn't Too Bad!

Mrs. Jean Morelock, historian for the First African Violet Society of Beloit, Wis., is of the opinion that the learning process in African violets isn't too bad after all—and now she's planing to let her two young daughters, aged 5 and 6, learn, too.

For some time the two have been saying, "They're so pretty. When will you give us one to water?" And as soon as Mrs. Morelock has some miniatures pretty well established, she'll let the girls put them on the window sills in their room and care for them.

Mrs. Morelock's experience with African violets is probably the same as other growers. She says:

Watch Watering

"I have learned that violets do not perform to expectation if they are left to dry out time after time. The results are curled foliage, dried up bud stalks and in time a very dead plant.

When you buy, buy the best. Select from items advertised in the African Violet Magazine.

Tells Her Method Of Rooting Leaf

(This is a talk presented by Melba Vitterine at a meeting of her club, the Greater Kansas City African Violet Club).

The best leaf to produce good strong plantlets would be one taken from the middle row of leaves—not one taken from the lower or top rows of the plant.

A good healthy leaf is the best insurance of good healthy plantlets in the shortest length of time. I might add that if a person gave me a leaf I would gratefully put it down and not ask from which row it was removed. I have had nice plants many times from lower rows as long as they were not old spent leaves. When I receive new plants that I have ordered I shape them up, removing several leaves and since it is a variety I want, I usually put all the leaves to root. This way the strong ones root and I do not have to decide which are the strongest looking ones.

When I prepare a leaf for rooting, I leave one or one and one-half inch stem on the leaf depending on whether it is a miniature or standard plant. I like to have the petiole as short as I can and yet leave room for a plant to form perfectly without crowding. The shorter the stem the sooner the plantlets appear. I cut the stem at an angle, with a sharp razor blade, at an angle leaving the exposed area toward the front of the leaf. This makes the plantlets come up in front of the leaf where light can get to them instead of behind the leaf where they always get leggy—that is having long stems and little leaves. I also find that by splitting the cut edge you get more roots making your leaf stronger and more plantlets are likely to form. I always dip the leaf in Rootone and shake off the excess.

Rooting Mixture

Now the leaf rooting mixture is very complicated. I use straight vermiculite. I have tried many different mixtures. However vermiculite works best for me. If there is a hole in the bottom of the container I am using to plant the leaves in, I put something over the hole for drainage, add vermiculite, and plant my leaves. The best use in the world for clay pots (in my estimation) is to use them to cover drainage holes. Take your hammer and break them in one inch pieces and place one or two over the hole. I use only plastic pots because to me they look cleaner, are easier to keep looking clean, take less watering, and are easily sterilized. I just wash them in good hot Spic and Span water and rinse in chlorox water. If I put leaves down in a container without an

opening in the bottom, I add charcoal in the bottom to keep the vermiculite sweet.

I hate to admit it but I fertilize continually from the moment I put a leaf to root. I use one fourth teaspoon of a stabilizing mixture consisting of one part Sturdy and two parts Blue Whale to a gallon of rain water. These fertilizers are both liquid and when mixed together are perfect for the mix I use. I never use any other fertilizer; therefore, I am never confused as to what I used last or what to use next. I have many violets on wicks. Because of this I hate to use different fertilizers. Since my violets are doing well I don't change. That is the thing each of us must discover: what really works best for us. You will lose leaves at times because we all do. Through trial and error you will become satisfied with what you need in your own environment. Since we all have our plants in different parts of our home, the conditions vary so much we must each find what works best for us. I still try many new methods that I hear about.

After the plantlets form you should remove them when they are one-third the size of the mother leaf. I remove them when I can. Sometimes things happen that you can't always do your transplanting at the proper moment. Try to remove the babies when they are nicely shaped plantlets. You can usually tell from the beginning if the new plant will grow into a show plant. A perfectly formed plant will usually stay that way unless mistreated; a twisted plant will usually stay twisted. I have had less than perfect plantlets shape up beautifully, so don't despair.

Uniform Size

I don't care to raise the larger plants. When mine get about 14 inches across, I break back the leaves. I like them to be about 12 inches across or a little less. This is why since I can have only one basement for violets I can have more of them. When I repot, I remove several rows of leaves and get the plants back to about 10 inches across. These plants are then repotted. I usually save the nicest leaves by putting them (after cutting and marking properly) in jars of water. If I don't put them down at once some friend usually comes by who wants them. I have found that you should not let the petioles touch the sides of the containers of water. This makes them curl so that it is more difficult for the baby plants to come up. If possible I like to put the leaves immediately into vermiculite, marking each leaf with adhesive tape.

My leaves are planted in community trays. The leaves then can rest on the rounded edges and eliminates the necessity of a brace back of them. If they are not supported in some way

it takes strength from the leaf to hold itself up. This way the leaves can put all of their strength into producing plantlets. Community trays reduce the amount of watering as they do not dry out as quickly as individual pots.

When I remove the plantlets from the mother leaf I have several ways of planting them. If they have no roots I put them back in the container with the leaf. If they have any roots at all I pot them. I fill a pot with potting soil, making a hole in the center of the mixture about one inch across. This hole is filled with vermiculite. Make a hole in the vermiculite and insert the plantlet. The vermiculite in the center lessens the shock of transplanting and works nicely. The roots start growing and then reach the soil. If the little plants have a good root system, I put them directly into my regular potting soil.

Removes Old Soil

When I repot I remove all of the old soil from the roots. I always have my plants dry when I repot so the soil just falls off more or less. They always say to check the roots and the soil when you repot and I couldn't see the roots unless I get the soil out of the way. This way you can tell by the amount of roots what size pot you need. I have had roots grow out the bottom so I would repot into a larger pot and find to my despair that I had over potted. I found that on some plants the roots would grow straight down and out the bottom and they just needed to be repotted in the same pot. This is another reason I remove the old soil. It cost me several plants to discover this.

Did You Know . . .

That mites thrive under dry, hot conditions?

That the control of mites is easier when humidity is high, and that given the moist treatment mites are stopped in their tracks?

Do you know why?

Interesting research was carried on a number of years ago to determine why mites do not cause so much trouble when they are under moist conditions. It showed that mites excrete liquids through their skins. To digest their food properly, mites must eliminate excess liquids from their food. Under warm, dry conditions, the excess liquid is emitted readily through the skin, and evaporation takes care of the rest of the process. But when the air is humid, the liquid excreted through the mites' skin is not evaporated and the excess liquid is dammed up within their bodies, and they become bloated. The result is that normal functions, including egg laying, are slowed down or stopped.

She's Back Again Growing Violets!

"I'm in business again! In spite of all the orchid raising down here, I shall continue to grow African violets."

That's the decision of Mrs. John (Thelma) Gross, 6014 Olive Avenue, Sarasota, Fla. 33581.

Last year Mrs. Gross bade goodbye to members of the First Nighters African Violet Club and her other friends in Decatur, Ill, and moved to Sarasota, Fla.

"We like it very much here, but I had to part with my beautiful violets and miss them very much," she explained. "I found one episcia down here. It's growing by leaps and bounds.

"I do not have the facilities here that I had in Decatur. My husband, an electrician, had installed fluorescent lights in the basement. My very dear friends in Decatur and I would exchange leaves and cuttings.

"Here all I can do is carry the few I have around on a TV table so they can get the morning sun. But I'm in business again and in spite of all the orchid raising down here, I shall continue to grow African violets in my new home.

"Soon I plan to go to Punta Gorda to get some vitaloam advertised in our magazine. It should be just the thing I need to revitalize this soil."

Since going to Florida, Mrs. Gross has contacted the Upper Pinellas African Violet Society in Largo and has been invited by Mrs. Floy Jackman, club president, to visit with them and participate in their shows and meetings.

IDEAL TEMPERATURE

Ideal day-time temperature for African violets is between 70 and 75 degrees. Night temperature should not dip below 60°. Extremes of temperature cause trouble. If room gets too hot (above 80°) plants get listless, growth slows, flowering is poor. Whatever flowers there are will be undersized and will dry up and fall off prematurely. If room gets too cool (below 60°) plant growth slows down and flowers may never come. — Hints by Hy-Trous.

GIFT SUBSCRIPTIONS to The African Violet Magazine are so welcome at your library and by all sorts of people—shut-ins—handicapped folks—convalescents. Just stop and think a minute—and you'll come up with some ideas, says Florence Garrity, AVSA director.

Flowering Friendships

*By Pat Boyce
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I'm just an average young housewife and mother of three who has a collection of around 300 glass cats, and a huge assortment of house plants. Our little five room house was already bulging at the seams, and, heaven knows, I was kept busy with the dusting and watering, plus being a den mother. But alas, no, this wasn't enough. My dear little white-haired grandmother, from whom I inherited my green thumb, gave me, you guessed it, an African violet. It wasn't blooming and I rather reluctantly brought it home.

Believe it or not, I had never seen an African violet! Most of my house plants had been given to me, with the exception of my beautiful begonias, purchased at Maxwell's Greenhouse before they stocked violets, so my first encounter with a violet was, to say the least, something short of love at first sight. As I suppose you have already guessed, this poor little unnamed violet died within two weeks—TOO MUCH WATER. Actually, the only thing that bothered me about its passing was that grandmother had given it to me and I hated to tell her that my green thumb had turned brown.

I somehow managed to go ahead with my normal life, then, whammo, I got acquainted with a dear lady who lives behind me, Johnsie. Well, the first time I was in her house I immediately noticed some beautiful large plants just loaded with blooms. Naturally I asked what they were, and when she told me, I couldn't believe that these were the same as the plant I had carelessly let slip away without so much as a tear.

Divides Plants

When I told her what I had done, she explained that she had heard that you could divide the plant some way, but she didn't know how. Upon examination her violets were loaded with "suckers." Of course we didn't know the term for these then, but I set to work to divide her plants, and I must say I did a very good job considering I didn't know what I was doing. All her violets survived the surgery I performed, and so did the suckers. I carefully brought mine home and watching it bloom on my kitchen window sill brought me so much happiness.

Of course, after about a month or two of blooming it quit and I decided to purchase

another plant, one that was in bloom, but I didn't know where to start. Then I remembered that I had noticed an African violet sign in front of a house when I had taken my Scouts on an outing. After driving around for 45 minutes I finally found the house. Needless to say, I was fascinated by what I saw in Augusta Connel's greenhouse—so many beautiful colors, I wanted to take them all. Impossible, of course, so I settled for "Spanish Lace," and a brand new friendship with Mrs. Connel.

Learns by Helping

As you all should know from your own experience with violets, two violets just weren't enough, so again I visited Mrs. Connel's greenhouse and purchased a large violet just full of blooms. However, one of the children knocked it off the car seat and it was ruined. I felt like screaming at the top of my lungs, but instead when the shock wore off in a few days I phoned Mrs. Connel's home, only to have her husband tell me that she was in the hospital and that she had tried to get in touch with me. She wanted me to water her plants and take care of them: to think she hardly knew me and yet she trusted me with her lovely violets. With the help of my two good friends, Betty and Sue, we pulled her violets through, except for a few small ones and a small tray of leaves.

I continued to help Mrs. Connel with her watering when she was on her feet again, and soon she had taught me the proper potting and de-suckering methods, and it wasn't long before we had her greenhouse walls bulging again. Each day that I worked with her, she sent me home with a handful of violets, and now my collection boasts of nearly 50 violets, and is steadily growing. I keep them on two glass shelves and my kitchen window sill, where they seem to do well.

Mrs. Connel is also responsible for my writing this article. She gave me, as a surprise, a subscription to the AVSA Magazine, and when I received my first issue I was so excited you'd have thought I had been handed a check for a million dollars. I think it was the best present anyone had ever given me. I read it over and over again and could hardly wait to receive my next issue.

Wonderful Friendships

As I close, I wish to say that anyone who doesn't raise violets is really missing something—not only the beauty of the plants, but the truly wonderful friendships that are made through these plants. As for the second violet I owned, the one that started me on this wonderful hobby, I passed it on to a new friend who fell in love with it. I hope she enjoys it as much as I did.

Says African Violets as a Hobby Need Not Be Time-Consuming Job

*By Mrs. W. J. Clark
5 Hurndale Ave.
Toronto 6, Ontario*

African Violets as a hobby need not be a time consuming job. A few hours a week spent in watering and repotting when necessary should give a good display of bloom and a lot of pleasure. I understand that it makes a good project for nerve therapy once the patient's interest is kindled.

Because I have very little time to pay attention to my violets (much as I like tending them), I keep small plants in trays and cover them with plastic cut from cleaners' bags. This saves mid-week watering for me.

My plants are grown under ordinary home conditions in the window or any available space regardless of exposure. The bulk of my plants are in an unheated sunroom which is equipped with storm windows. With heat from the adjoining den, the temperature never falls below 60° even in the coldest part of the winter. Other plants are placed close to natural light in the cellar but not close enough to get any draft from single sash cellar windows. While these plants are waiting for a spot in the sunroom, the warmth from the furnace keeps them from getting a chill.

Many people blame their inability to keep violets due to the presence of gas in the house. I'm sure there is nothing in this theory since I have gas in both kitchen and basement and have even set my plants for a few days on the gas stove's flat surface after splitting them with no ill effects.

No Recipe

As for soil, I have no particular recipe. Usually I buy African Violet Soil and alter the texture to suit myself by adding coarse vermiculite or perlite. I find my plants do best in a lighter soil than that which comes "ready to use". I have not yet found a mixture which would make my plants "jump out of the pot". When I do, I'll let you know about it.

I use secondhand clay pots which have been soaked overnight in soapy water left over from the laundry. I scrub them clean and scald them with hot water before using them.

As with watering, I have very little time for a rigid program of feeding. My violets bloom quite well without feeding. However, I do try to fertilize them on the 15th. and 30th. of each month with Atlas Fish Emulsion, using ¼ teaspoon to a quart of water.

Mealy Bugs

My only trouble has been with mealy bugs probably transmitted by bringing in coleus, ivy, hoyas, etc., from outdoors in the fall. Best treatment has been with 50% Malathion

diluted according to the instructions recommended for mealy bugs on tomato plants. Best results are obtained by dipping the affected plants.

My plants are usually purchased locally at supermarkets, florists, growers' greenhouses, etc. County fall fairs are a good source since there is usually a grower or plant concession where one can purchase gift plants and sometimes fresh cut leaves or clumps of young plants.

In Toronto we have the Garden Show at O'Keefe Centre (March or April), the Canadian National Exhibition in August and the Royal Winter Fair in November where displays of African violets and sales tables are set up. During the Canadian National Exhibition, an officer from the Department of Agriculture is usually on duty until 7 p. m. each day, issuing certificates which enable American visitors to take back souvenir plants for friends at home.

As for Canadians wishing to bring in plants from growers in the U. S., I understand that a certificate must be obtained from the U. S. Department of Agriculture.

While On Vacation

When on vacation, I usually acquire quite a lot of leaves or purchase a plant. These I bring back in water in the car trunk as you are apt to get the leaves partially cooked on the back shelf, should you happen to park for a short time and close up the car on a hot day. I remove the soil from the plant and keep it in water for the return trip. I have had no trouble crossing the border. The customs officer explained that it was the soil to which they objected as it harbours disease.

I like to keep only the named varieties for my own collection. The unnamed varieties and leaves which have lost their identification, I bring into bloom and give them to one of the groups at our church. They sell them at luncheons and at their business meetings, the money

going to the treasury for some special project or objective.

If I acquire a multi-crowned plant and it begins to look seedy, I immediately split it and repot it in fresh soil, regardless of whether it is in bloom or not. Very often the soil packs down in a newly purchased plant or I sometimes find an undissolved peat pot which keeps the moisture from reaching the roots as it should. It has been my experience that following the repotting, they should be kept quite wet until the leaves are all standing up and firm. With this method, I find they will go on blooming without any setback.

For Long Necks

When plants develop a long neck, I cut the stem across with a razor blade, pare it like a carrot, let the stem dry for a few minutes, then reroot in vermiculite or in a hyacinth jar just keep the water up to the level of the underside of the plant. Using these methods has rescued some of my favorite old plants.

At one time I had about 100 named varieties but following a very humid summer two or three years ago, I lost many plants as did some of my friends.

Instant Hybrids

Could this be possible with African violets? Astounding possibilities of new plants are seen in "somatic cell fusion", a process under study by Dr. A. C. Hildebrandt and Dr. Roy U. Schenk, Department of Plant Pathology, University of Wisconsin (Madison, Wis. 53706) according to a report in a recent issue of *The Avant Gardener*.

By "blending" somatic (vegetative) cells of two plants into one cell containing the genetic material of both of them, a hybrid vastly different from either parent may be created. A cell fusion would bring about an "instant" combination of, for example, a high-yielding plant with a disease-proof one. Or possibly completely unrelated species could be hybridized to produce fantastic new ornamentals or economic plants.

The process involves dissolving the wall of each cell with enzymes, leaving membrane-enclosed protoplasts. These must then be held tightly together, and the membranes ruptured by mechanical or chemical means so that the inner substance of the two cells will blend together. If healthy, active parent cells are chosen, the new fused cell should multiply and become a new plant. The chromosome number of the hybrid will be the sum of those of its parents.

Get new members. They add spice.

Growing and Sharing African Violets

By Emma Ehler

I really should begin this article with "years ago I was given a Blue Boy"—but I won't—I'll just say that, ever since, I have been trying to learn to grow violets and, like the rest of you, I have experimented with every kind of plant food, soil, pots, etc.

I have finally settled on to this way of doing things.

To start with a leaf, I select a good healthy leaf—not an old one that has hung over the pot but one that is firm and healthy. I cut it on a slant and let it lay for about an hour until it heals over. Then I put it—if it is a new or special variety—into a glass partially filled with rain water that I gathered the last time it rained and "canned" it purposely for my leaves.

Put Into Pot

When they show a little white root about one quarter of an inch long, I put them into a two-inch plastic pot of one-half medium vermiculite and one-half medium sponge rock, perlite or volcanic sand. This I put then in my basement, where I have one fluorescent light, into a pan of fine vermiculite which I keep damp. Then I cover them with a piece of plastic.

When the babies are big enough to separate and pot up, I put them in a 2½ inch pot in a mixture of equal parts sponge rock, vermiculite and Michigan peat. I water these and the leaves with a weak solution of Hyponex.

I leave them in this until their first blooming. Then, as soon as I have time, I transplant them to a 4 inch pot. Be careful not to water too much, as it takes a while for the roots to get established. When they are, start to feed a weak solution of plant food each time you water. I use Schultz's Instant but they are all good. Be sure to read the directions and do as they say. A weaker solution is always better than one too strong.

I have gotten a number of blue ribbons. I won Queen of our petite Violet Show two years ago which is an event of the African Violet Society of the Niagara Frontier.

150 Plants

I only have about 150 plants in all. I have other house plants too; begonias, columnneas, etc. but, because of limited space, when I get too many, a friend and I take them to the State Hospital which has a nice greenhouse and very well kept. We also take some to the Veteran's Hospital which has a little

greenhouse on the roof. I also have a friend at the Wheel Chair Home nearby who is doing quite well raising them on her window sill. I help with the craft class there one afternoon a week, as a volunteer worker. Some of the patients knit, crochet or whatever they can do and the rest work on bandages for our cancer clinic here.

I do not use strong insecticides because I have a big Persian cat who likes to nip the leaves sometimes so all I use is "Raid."

Now, good luck and lots of bloom!

Praises African Violet Magazine

*By Mrs. Wendell Meece
281 Highland Parkway
Frankfurt, Kentucky 40601*

Since I've been taking the African Violet Magazine, I've learned a lot.

I've used about every kind of soil and insecticide. I have stopped all this. For me Black Magic soil is everything I need in a soil with the addition of a little Sponge Rok, vermiculite and dehydrated cow manure. I plant my babies in this and I feel that they do better. I don't have to change to different sized pots so often.

So far I haven't had any disease or pest of any kind. I spray my basement with Raid every day. I use Bugonex around my plants, over them and over the leaves. I use one-half strength fertilizer all the time. The first week I use Atlas Fish Emulsion; three weeks later I use Black Magic blossom booster; in three more weeks I use Hyponex and in three more weeks I use Schultz Instant Plant food.

Makes Wooden Stand

My husband made me a three-tiered wooden stand, 54" in height from the floor. The shelves are 60" long and 30" wide, with fluorescent lights over each shelf. I am using two cool daylight tubes. I have them on 14 hours a day during the winter months but reduced them to 12 hours a day. I expect to reduce them to 10 hours later and turn them on to 14 hours again in October. I use an automatic timer to turn them on and off.

When I have suckers on some of my special plants, which I would like to keep, I put them in a little potting soil in egg shell halves. I water them with a baster. It doesn't drip and the bulb on the end is quite handy.

I haven't had any mildew yet but to prevent it I use Acti-Dione PM spray. I have hair spray can tops filled with sulphur placed

between the shelves.

I start my leaves in sterilized sand and vermiculite and keep this mix moist at all times. After the little plantlets are up, I use a weak Hyponex solution on them. My plants bloom in 4 months from the time I start the leaves. At the present time my stand is filled with violets of all colors. My blooms are as big as half dollars. My singles don't fall off - I have to pick them off. I like the single blooms the best. My favorite colors are deep blue, deep pink and snow white. Could someone tell me if my plants are harmed by staying in bloom so long? Some have been in bloom since August.

Plastic Sheeting

I have no heat in my basement. It got down to 55 degrees last winter. I put up some plastic sheeting to make a tent hanging from the rafters. Later I took it down as I was afraid my plants would mildew during the summer. I now have a fan in the basement to keep a flow of air over them.

Last year I had about 25 plants upstairs on every window sill. We have awnings over the windows and an air-conditioner. But as my hobby seems to be increasing, we had to make a larger place for them. I must be either lucky or have hit upon the right soil and lights.

I must say we can't always do as someone else does. It doesn't pay. Several years ago I had springtails. I used too much sodium selenate in my soil and killed every plant I had. One time, I sterilized my soil and used it the next day and guess what? I lost all the plants I had. The leaves fell over the pots, looking as if they had been cooked. Another time I used too much VC13. So I'm through trying something new unless I know for sure it is the right thing to do. The violet magazine has helped me to the best money I ever spent.

I've always wanted to learn to pollinate but I never had any luck with it until lately. I crossed "Show-Man" with "Pink-N-Pink". Now I have a pod started. It was the hardest thing in my life to do.

Thanks Hybridizers

I wish it were possible to thank all the nice people who have been hybridizing - Fischer, Tinari, Richter, Lyndon Lyon and so many more. When I retire, which will be in about eleven more years I might take on more - maybe a greenhouse that is not too large. I appreciate the fine African Violet Magazine and all the nice people that share their successes with others. I really enjoy the question box by Anne Tinari. She does a swell job. There are so many things I would like to ask, - it would just about fill your magazine. But my main question is - "why, whenever I graft two leaves together, do I get all miniatures?"

Window-Sill Care For African Violets

By Estelle Kienzele

68 Bayview Avenue

Staten Island, New York, N.Y. 10309

There are three important conditions that must be observed in growing African violets on a window-sill. These three conditions are light, temperature and moisture.

LIGHT: An east exposure is the best. In Summer use a thin curtain to protect from the rays of the sun. In winter when the days are short, a lamp can be used to extend the light hours. Do not let the leaves touch the cold glass. Plants should be turned daily to grow flat and symmetrical.

INSUFFICIENT LIGHT: Plants will grow tall and spindly and will not bloom.

TEMPERATURE: 70 to 75 degrees for daytime and not lower than 65 at night. As African violets are a warm weather plant, if exposed to cold temperatures over a period of time they will become stunted and will not bloom.

WATER: Proper watering is very important as most plants are lost through over watering.—The soil must be kept moist at all times. The tiny roots can not stand a period of dryness and then be drowned with water. Water from the top with tepid water, as NATURE DOES is the best way. This washes the salts through the soil. Do not let the plant set in this water as this salts water will be absorbed back up into the soil again. The best way to test your soil is to feel it. If the surface feels dry then it is time to water. A good rule is a little water more often.

FERTILIZING: A balanced feeding program includes at least 3 different plant foods. Always water a little the night before feeding and use $\frac{1}{2}$ the amount recommended.

SOIL: There are many mixes but they must be loose and porous. This is one mix: 8 cups dark garden loam, 4 cups perlite, 1 cup sphagnum peat moss. The perlite and peat moss must be soaked before using. This material swells up when wet. If this happened after it is added to the soil, it would smother the roots. African violets like a slightly acid soil with a pH reading of about 6.5. All materials must be sterilized before using. This can be done in your oven. Bake at 250 degrees for 1 hour. Then let set for 1 week so the gases will escape.

REPOTTING: Gently remove the plant from the pot. If you can see roots on the outside of the soil, then it is time to repot. Use the next size pot as African violets do not like to be over potted.

PROPAGATING: Water the plant good before removing any leaves. Select fresh young leaves, from the 2nd row. Old leaves will root and that is all. Cut leaf on the slant and set aside to heal for 1 hour. Plant in a small pot of wet vermiculite. Keep this wet at all times.

PLANTLETS: When the plantlets get about 2 inches high, separate and plant each in a separate pot of starter mix. This is equal parts of vermiculite, perlite, and soil. Always keep the name of the plant on a marker in the plant.

(THIS WAS WRITTEN FOR
THE CASTLE MANOR GARDEN CLUB)

LEAF CULTURE

By Mr. & Mrs. Michael J. Shirock

525 E. Tioga St.

Allentown, Pa. 18103

We started to put leaves of all kinds in the same container, but when it came time to transplant, the leaves that were not ready were disturbed to such extent, they were set back two or three weeks. To eliminate this we cut plastic ice cube trays that are one and one half inches or more square and deep in half or quarters.

We found leaves that lost their color should be used with reluctance. They take longer to root and the young plants are not as strong as they should be. When taking a leaf to root, the second row leaf will grow to almost maturity before it will send up good young plants, but a third row leaf, that has good color and full grown will send up young plants sooner, we found out.

We found leaves that are light in color in front and back seem to root quickest, like "Suddenly," "Blue Rouge," "Icy Peach." Those with a little red on the back of the leaf seem to take a little longer. The same holds true for "Rosy Posy," (a girl plant). "Chateaugay," a very dark face and dark red back was the reason for the study.

We, found, by waiting until plantlets are three, some time even four inches high before we pot, the plantlets are stronger.

We found, using plastic or styrofoam, hot or cold cups, to pot our young plants, (we cut to fit each plantlet,) there is no need to sterilize them. Also it seems there is less chance of damp off. It seems the plantlets do very well in these and do not cost as much as regular pots.

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"THE TREND IS MINIATURE" (80 slides) A wealth of information on growing, hybridizing and identifying the miniature and semi-miniature African violet.

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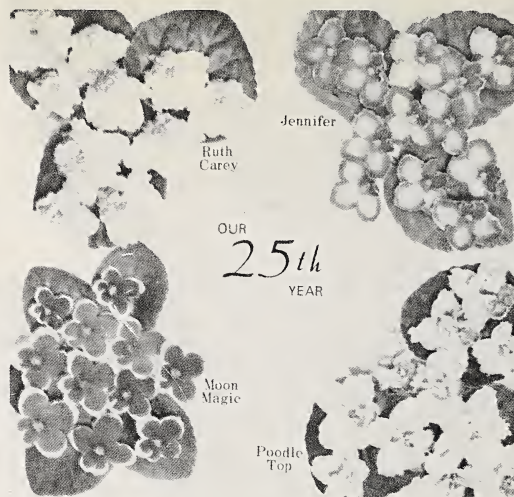
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COVER PAGE

"Tiny Blue" by Lyndon Lyon makes our cover page this month. Of course, it isn't just one plant—there are several plants of this tiny miniature in a white plastic bowl. The plants were arranged in the white bowl to make a very lovely setting. (Photo by Frank Burton)

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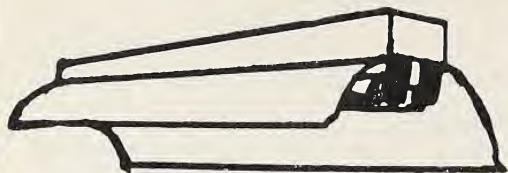
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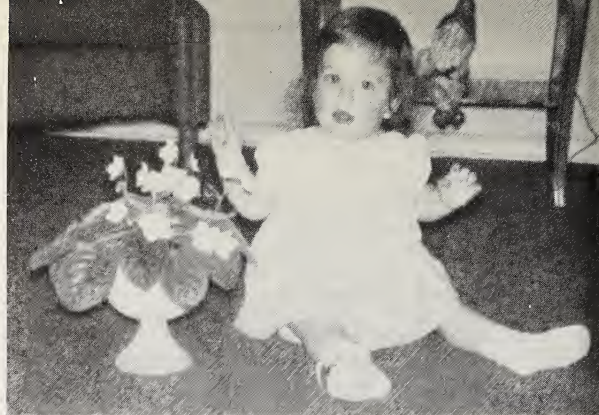
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received it.

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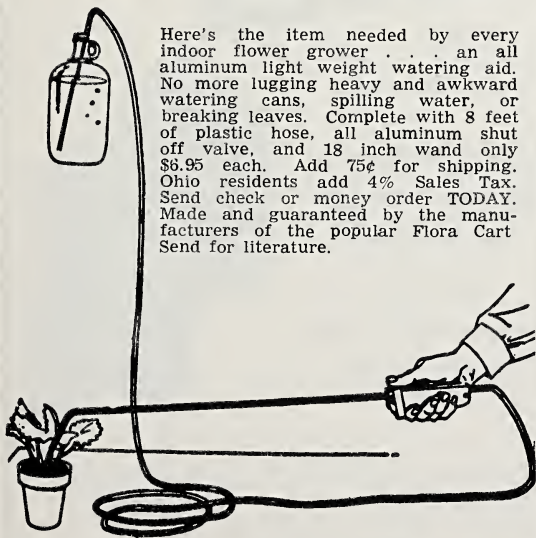
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"BIG D" WINNERS — These four members of the First African Violet Society of Dallas took top honors at the show, "Violets All Through the House." They are left to right, Mrs. C. Hugh Heard, Mrs. Edward E. Bone, Mrs. Malcolm Ellison and Mrs. Elford F. Wilson. Mrs. Heard captured the sweepstakes award and six other prizes with "Tommie Lou," "Pac-o-Blooms," "Silver Dust," "Bagdad," "Clydene." Mrs. Bone won the AVSA Gold Rosette with "Rage," "Pan Am" and "White Pride Supreme," and a trophy for best white with "White Pride Supreme." Mrs. Ellison won the club project with "Moon Crest" and Mrs. Wilson received the AVSA Purple Rosette with "Pink Coquette," "Charm Song" and "Bloomin' Fool" and in the artistic division won the sweepstakes, Tri-color, and creativity awards, the award of distinction and the award depicting theme of show.

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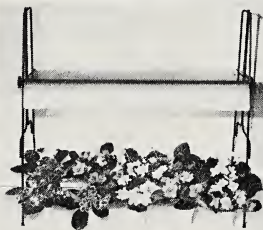
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Our award plants for the San Francisco show are Lavender Gem, Royaleire and Blue Reverie. We feel that any or all of these have excellent show potential and hope that yours may be the award winner or Queen of the Show since they are all registered.

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The hobbies of hunting, fishing and swimming in the vacationland state of Wisconsin were finally overshadowed last April by still another great hobby—raising African violets. It was a great convention and show! The “gemutlichkeit” (homemade cookies with coffee, inviting smiles, and cheery attitude of the Wisconsinites) gave all of us a treasured memory of Milwaukee and the 1970 AVSA Convention and Show.

The Society is proud of the dedicated workers who made a photographic picture, in slide program form, of this show which is titled “VIOLETS IN VACATIONLAND.” Your club members are in for a real treat when a program is arranged around the slides and presented to them. The photographers were: Emma Lahr, Joan Van Zele, Wm. Krogman and Jimmy Watson, ably assisted by Gene Garner, Agnes Grud, and Maxine Wangberg. A special “THANK YOU” for so willingly sharing your time and your talents for the AVSA Library. Hope you will all be in San Francisco next year! We also acknowledge the excellent help of Estelle Crane in identifying and recording the winners and to Violet Wechselberger for her knowledgeable analysis and commentary of the artistic division of the show for the slide program.

It is always a pleasure to announce that the rank and file members can also see what was new from the hybridizers in the year 1970. “THE BUDS THAT MADE MILWAUKEE FAMOUS” has been selected for the title of the slides assembled for the program of new introductions. It is very interesting to see what those hard working hybridizers of the AVSA have obtained for us—the show plants of the future! Again our thanks go to the following people for their donation of slides for this program: Victor Constantinov, Bob Kramer, Fisher of Canada, Frathel's, Forrest Richter, Frank Tinari, Lyndon Lyon, and Dale Eyerdom of Granger Gardens. From the comment sheets returned after using the new introduction programs we find that these programs are being much enjoyed and greatly appreciated. Do use these programs—they are made up for you to help keep abreast of what's new.

What a fascinating evening spent working with the Yearbooks entered in the convention competition! The high number of blue ribbons awarded were proof of their excellence. Four new Yearbook Packets are now in the AVSA Knoxville office. New ideas abound in them and your club will profit by taking a look at what other clubs are doing and find worthwhile. The winners this year were: First Award \$15, The Los Angeles African Society; second award, \$10, Windsor African Violet Society of Windsor, Connecticut; third award, \$5, The African Violet Society of San Francisco, California. Congratulations! Challenge your program chairman to come up with an even better yearbook next year and win an award. Be sure to check the closing date for entries which will be published in this column, to avoid that late entry that takes your book out of competition. Our thanks to Neva Anderson and her fine committee who judged the 65 entries and came up with so many fine ribbon awards.

It is gratifying to be able to use this column to publicly thank all of the fine people who make this Library possible. Our aim—the best.

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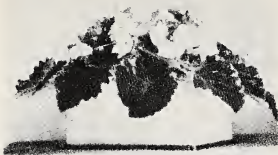
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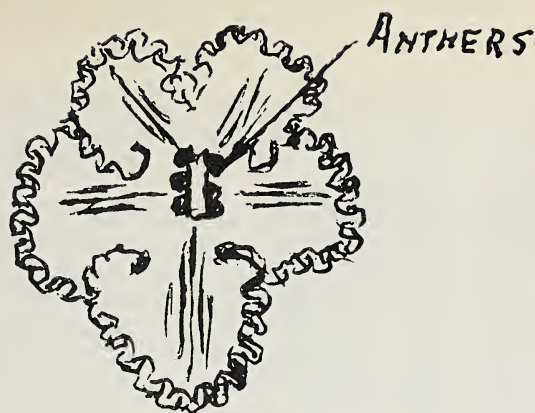


Figure 1

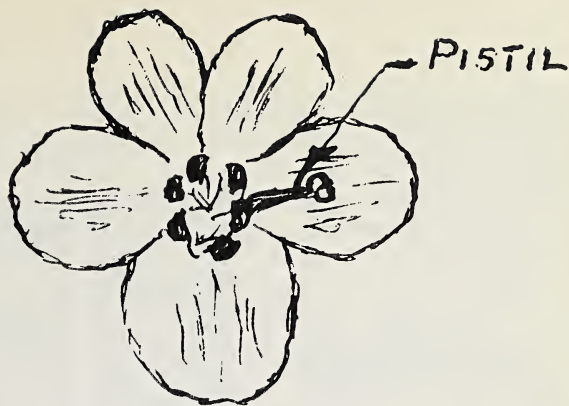


Figure 2

Hybridizing for the Amateur

*Mrs. C. A. Woodward
Westwinds' African Violets
Harvard, Mass 01451*

Part 1

Where do all the new beauties come from which our hybridizers are working so hard to bring out each year?

The oldies are good for many reasons, not the least of which perhaps is sentimental, but can you imagine a blossom of Blue Boy for instance hanging on for twenty-four days? That is what the new single Stictites do!

How is it achieved? Very simply really, and that is what this article is all about—how to do it. There are many ways of pollinating and the following is what works best for the writer.

Choose Carefully

In choosing parent plants there are many characteristics to be considered apart from the color we are trying to obtain. Plants, at least one of them, preferably the seed parent, should have the characteristic of holding its bloom for a long period of time. They should be picked for good free growing foliage; that is foliage with no tendency to "bunch" in the center. Good strong petioles which will hold the bloom well above the foliage and not hide the blossoms among the leaves of the plant. An example of this is the plant I am sure you are all familiar with because of the many ribbons and Queen of Show it has won—namely Double Black Cherry. It is most floriferous, grows symmetrically with no help whatever, but it does not hold its bloom high above the foliage. Not to be overlooked in choosing parent plants is the size of the bloom. Every hybridizer is striving for bigger bloom and more blossoms per petiole.

The pollen of an African violet is contained in the anther of the blossom, the anthers

being the little yellow pollen sacs of varying number which appear in the center of the blossom. (See Figure 1) Don't be like the lady who planted the pollen sacs and could not understand why no seedlings came up.

The easiest way to obtain this pollen is simply to open the anther between one's thumb nails, thereby spilling the pollen onto the nail. If the pollen is ready it will be dry and fluffy. If the sac is rubbery there will be no pollen.

After the pollen is transferred to the thumb nail it is placed on the pistil of the blossom. (See Figure 2) The pistil of the bloom is ready to receive the pollen when it has a translucent appearance at which time it is sticky and the pollen will adhere to it. The translucent appearance can be seen with the naked eye or it is very visible under a hand lens.

How To Mark

The blossom now becomes the mother or maternal parent and should be marked by tying, loosely of course, a bright colored thread around the petiole of the bloom so that it will not accidentally be picked off in the course of grooming. The cross is then marked with a marker showing the name of the maternal plant, or seed plant, first X the paternal, or pollen plant second, plus the date pollination was made.

Accurate records should be kept showing the date of pollination and the names of the two plants used.

If the cross has taken, in the case of a single bloom, which incidentally is much easier to use because the cross seems to take easier, the blossom will fade and fall off in a day or two. In the case of the seed parent being a double the blossom may simply dry and adhere to

the seed pod until it has ripened.

If the cross is successful a swelling will appear at the base of the pistil and as it progresses it will take on a sort of cucumber shape in most cases and become quite large, approximately $\frac{3}{4}$ " long

How to proceed from this point will be covered in an article in the November magazine.

Separating African Violet Plantlets

*Mrs. H. Nicholas Hansen
708 Wyndale Road
Jenkintown, Pa.*

Have ready the following supplies: 2 or 2½ inch pots, soil lightened with rooting medium, rooting medium ($\frac{1}{2}$ vermiculite, $\frac{1}{2}$ perlite and charcoal,) labels, marking pen, water, tray.

- 1) When plantlets are large enough to handle easily, from 1½ to 2 inches tall, remove the leaf from the container. There may be only one plantlet on the leaf or a great many.
- 2) Gently pull the plantlets from the mother leaf. (It is usually easier to separate if the vermiculite (or other rooting medium) is practically dry.)
- 3) Pull plantlets apart. If you want only 1 or 2 plants of that variety choose the strongest ones. If you want as many as possible, try to pull out the strongest ones without detaching the very small ones from the mother leaf.
- 4) If the plantlet has a fairly good root system, plant it directly into the lightened soil. Fill the pot part way—be sure the roots are not bunched—center the plant in the pot and fill in around it with soil, being careful not to cover the crown (center leaves.) Tap the pot to settle the soil and leave a little room at the top for watering. The pot is tapped to get rid of air holes in the soil so that the roots will be in firm contact with it. Set it in hot water to absorb as much moisture as it can use.
- 5) If the plant is very tiny, or has very few roots, fill the pot part way with lightened soil and then add some rooting medium. Place the plant as before but fill in with rooting medium instead of soil. As the roots develop, they will grow into the soil.
- 6) If you want more babies of that vari-

ety, and the mother leaf is still healthy, the leaf may be put back in the rooting medium to grow more plantlets.

- 7) Newly transplanted babies may be put in a tray and lightly covered with plastic until they become established. The plastic will help to prevent them from drying out too fast, which they can easily do since they are in such small pots. It also acts as a temporary greenhouse by creating a higher humidity. The plants may be fed with a diluted fertilizer when they start to show signs of growth. Do not let them get very dry or keep them very wet all of the time.
- 8) When the roots fill the pot and start to come out of the bottom, or when they are obviously too large for the small pot, they may be transplanted into a larger one. Place some soil in the bottom of the new pot. Push the plant out of the smaller pot (a nutpick is useful for this) without disturbing the roots or the soil more than is necessary. This is easier to do if the soil is damp. Center the plant in the new pot, fill in with regular soil, tap to remove air holes and set in water sparingly from the top. Fill in again with soil if necessary.

CAMP FIRE GIRLS, Girl Scouts and 4-H Clubbers have been introduced to African violets by having a project to work on, says Florence Garrity, AVSA director. Get your club to supply the plants and information to make this project work.

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In 1956 Mrs. Ottolini attended the first show put on by the African Violet Society of San Francisco—she came, looked and was "caught." She joined the Society and has been an enthusiastic member ever since, serving as President in 1964 and 1965.

And all this time she has kept at least one or two plants descended from her original "Blue Boy."

This year she has planned it so as to have a number of "Blue Boy" plants available, which will be auctioned off to our members, the proceeds to go towards an award for the best "Blue Boy" to be shown at the AVSA Convention Show in April 1971.

So—if you have "Blue Boy," start grooming it right now for next April!

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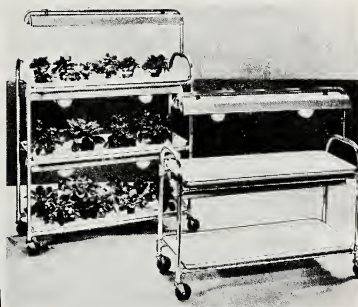
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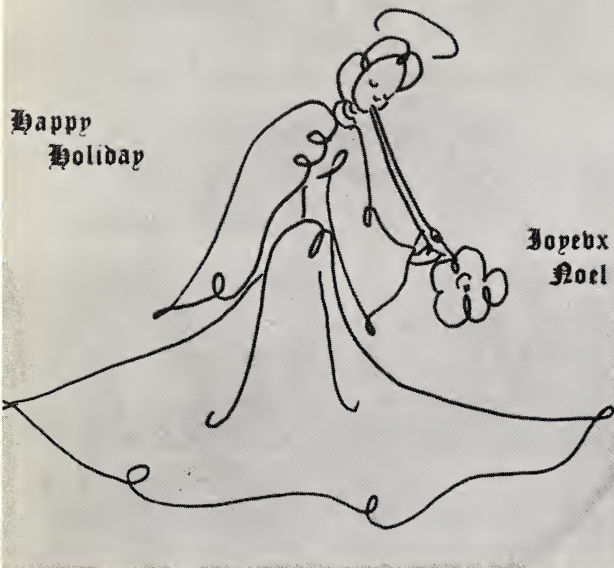
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THE VIOLET LEAF

December 1969



DECEMBER: Christmas

by Dennis R. Fallon
41-43 — 43rd Street
Sunnyside, N.Y. 11104

When you hear the expression, "Violet Leaf," you would normally think of little plantlets attached to the mother leaf. When the members of the African Violet Society of Greater New York think of 'Violet Leaf,' they look forward to reading an interesting and informative newsletter which is published every month.

Under the direction of the editor, Mrs. Bonnie Marcus of Rye, New York, several people work diligently each month trying to meet the deadline. "Never judge a book by its cover" does not apply in our case. The very artistic covers are drawn by Mrs. Joan Hilmer of Woodside, N. Y. Each month the cover symbolizes the feeling of the month. For October, Joan drew a black cat and pumpkin; November, the horn of plenty depicting the Thanksgiving theme; December had an angel and February had a heart for Valentine Day.

The cover lettering was something useful that I had acquired where I work and found many applications for it (including signs for our Spring Show). The contents of the 'Violet Leaf' cover a wide range of topics. Everything from Ozzie Weiss' recipe for pumpkin pie and a gossip column, to the horticulture of African violets and gesneriads is covered. Our February issue had a special supplement on horticulture and included articles from guest column-

THE VIOLET LEAF



NOVEMBER: Thanksgiving



OCTOBER: Halloween

ists such as Ethel Champion and Ted Bona.

In my travels to various conventions and spring shows, I have seen many publications and news letters which in my "biased opinion" can't compare with the 'Violet Leaf'. The secret in making your society or club's newsletter excel is PARTICIPATION. If more people work on the paper, many more good ideas can be suggested and less work for the editor saves time. It is also a lot of fun when everyone on the staff comes together to col- late, staple, stamp and mail the newsletter. We find that the "Saturday sessions" are even more fun than attending membership meet-

THE VIOLET LEAF

FEBRUARY 1970



AFRICAN VIOLET SOCIETY OF GREATER NEW YORK, INC.

FEBRUARY: Valentine Day

ings!! Since the AVS of Greater N.Y. is the largest club in the New York City, Long Island area (over 100 members) many people volunteer their services in doing some of the work. Two hundred copies are made up each month, with the cover of each copy hand colored with crayon and paint.

Our 'Violet Leaf' travels as far as California, Florida and Arizona. We also send complimentary copies to surrounding clubs in the area and to various botanical gardens. Also, each guest at our meetings receives a 'Violet Leaf' in his kit bag of samples and goodies, and it really seems to produce new members.

Besides the people I have already mentioned, the staff includes: Mary Bland, Helen Fallon, Joel Marcus, Murray Morrison and Ozzie Weiss.

So editors take note: Try to get as many people interested as possible in helping with your paper and try to include something of interest for everybody in your newsletter.

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Afghan Winner

Winner of the afghan at the Wisconsin convention was Mrs. Chris Hyer of Trenton, N. J. Each year at the AVSA convention, Helen Van Zele has been offering a colorful afghan for sale, the proceeds to go to the AV Booster Fund. As usual, this year's afghan was very beautiful.

WARDELL VIOLETS FRESH CUT LEAVES

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HALL OF FAME



QUEEN OF SHOW — Mrs. Helen Hallon of Sunnyside, Long Island, N. Y., admires her plant, "Big Bob," which won queen of show at the 14th annual spring show, "Hall of Fame" staged by the AVS of Greater New York. She also captured awards for best arrangement, (large), junior sweepstakes, and the New York State red rosette for "Silver Pinafore." Other winners were: runner-up to queen, "Paul Bunyan," largest blooming plant, "Dbl. Black Cherry," N.Y. State Tri-color Rosette, "Ann Slocomb," Best Long Island Origination, "Helen Daly," Best Episcia, "Silver Sheen" and sweepstakes, Dennis Fallon; princess, "Bloomin' Fool," best columnnea "Maryann" and best arrangement, (Small), Freida Otten; junior princess, "Lullaby," Sophia Grieves; best miniature, "Northern Peony," Floyd Bingham; best variegated, "Tommie Lou," Cort Raskopf; best novice, "My Darling," Donald Curtin; best natural light, "Rhoby Lear," Carolyn Eckels; Violet Aid Project "Chiffon Jewel," Mater Christi High School. Show chairman was Mrs. Ethel Hendricks of Flushing, N. Y., who received a special award for her theme. (Photo by Bernard Weinstein).

FRATHEL'S ORIGINATIONS

Try some of our new beauties in green or variegated. You won't be sorry. Show winner plants. Our booklet called "Help for the Amateur in Growing African Violets Step by Step". This booklet will make it easy for you to grow show plants. \$1.00 per copy.

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Cultivating Violets A Distinct Pleasure

Clara P. Fredsall
5284 Oakcrest Drive, #114
Oxon Hill, Maryland 20021

Cultivating African violets from leaves is a distinct pleasure and often one loves them even more when they raise them from leaves.

This has been my experience. A co-worker gave me an unnamed leaf. It was placed in Black Magic and it lived and produced. Today it blooms constantly. Because it was unnamed I call it "Baby Love." Since that first leaf, my collection has grown. Some have been purchased, others raised from leaves. There have been disappointments, of course, but with experience, one learns to overcome many obstacles.

My efficiency apartment is small, but one whole part of one room is dedicated to my violets, which are placed near three well lighted windows with fluorescent lights added for good measure. My violet collection numbers 55 with many more babies coming along.

Leaves Are Rooted

My leaves are rooted in perlite. I use only Black Magic. Alternate fertilizers, which are used in weak solutions about every two weeks,

are Miracle Gro, Blossom Booster, Hyponex, and Blue Whale. I filter my water.

It is my belief that major secrets in growing African violets are proper soil, (light and airy) and humidity. Lack of humidity was my first obstacle to overcome. Plants were placed in deep saucers, then placed in trays in which plenty of water was kept. That did the trick—but it took me three years to learn this, and the fact that the air conditioning was the cause of the drying effect.

It's my opinion that plants should be grown in as small a pot as possible. In my collection are some that are 12-inches in diameter growing in three-inch tubs.

Easy to Grow

Violets are really not too much trouble and are not difficult to grow. In fact, just the opposite, they are the easiest, most simple plants to grow. Imagine carrying a leaf over 500 miles in 90 degree weather! But it made it and now it is a plant (Firebird) ready to bloom.

Growing of African violets is most rewarding. No matter how dark the day, their lovely faces are always there to greet one.

Get new members. They add spice.



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How would you like to live on a third floor, steep staircase, no central heating and no immediate neighbors—but with acres of windows with all four exposures and best of all, an 8x3-foot bay window facing south!

Being a resourceful person, Renee White of 33 Social Street, Providence, R. I., admits she's just a novice in the gentle art of raising African violets, but, she says, "I've been making use of on-the-spot resources before making the investments so lusciously suggested in the supply catalogs. I couldn't care less about cooking and this may be the reason so many kitchen utensils find their way to the Plant Room.

"My collection of African violets and gesneriads is installed in layers of hen grits (in other states they're called chick grits.) Clear plastic trays, imitating cut glass, are elegant, especially when mounted in refrigerator racks to give a little height. Glass candy dishes mounted on legs are perfect for gloxinia pots. My pride and joy are two revolving trays made of plastic lazy Susans on which pizza pie pans give extended space. An inverted plastic cup in the center is the pedestal for the best bloomer of the week. Baking pans are less glamorous but come in handy and if you can manage not to knock them over, inverted rubber-coated cup holders are terrific when you want a vertical note with tall plants perched on top of them. If a large tray is a little monotonous, you can use a nicely ribbed jelly mold as a support for a choice plant. Isolated pots are set in margarine containers with a gold finish and chicken pie pans fit just right in the cups of my plant stand.

Lazy Susans Ideal

"The lazy Susan makes watering a cinch, especially when extra water can be removed with a basting bulb or paper towels (a roll of which I received recently as a sample. They're superior to kleenex for absorbing water droplets.) Spraying is done with a used container, mounted with a spray gun. Empty jars of instant coffee are aesthetically satisfying, especially after they're filled with fermate, copper sulfate and various fertilizers. My neighbor buys ice cream in tub-shaped containers, which, once they are covered with contact paper in wood patterns, look like the real thing and make dandy flower pots.

"The greenhouse is an inverted clear plas-

tic hat box with holes drilled in the top and the pots rest on an also inverted and perforated pie pan. The babies go into cutdown polystyrene cups with a hole at the bottom. To make the pots firmer, I use two cups. The inside one is as described. The outer one is cut at the bottom and the rounded top edge is the only one which the stems and leaves touch. It is easy to write the name of the plant with a laundry marking pen. All my small gift plants go into these small containers because it is useless to beg for small pots. Everybody has oodles of them in the cellar or garage but nobody remembers to bring me the batch they promised.

Starting Seeds

"Seeds can be started in wooden cheese boxes, if you should be so lucky as to find them. (My neighbor's trash can is a gold mine!) And, of course, who can resist assortments of refrigerator containers?

"The bathroom has yielded its share also. Old fashioned hairpins are good for anchoring rootless babies; orange sticks are indispensable and surgical tape, which I use more for electrical repairs than for wounds, has become a must for labeling pots.

"So where does the money go which I save? To buy more plants, natch!"

Relatives of African Violets

If you can grow African violets you'll be equally successful with some of their attractive relatives, gloxinias (GLOK SIN' I AS) for example.

Gloxinias are almost as well known as the African violet. But have you grown episcias (E PIS' AS), columneas (KO LUM' NEE AS) and streptocarpus (STREP TO KAR' PUS)?

All these plants are members of the gesneriad (JES NER' I AD) family. They have bright colored, tubular flowers and hairy, colorful foliage.

The cultural needs are similar. They like a porous potting soil of equal parts garden loam, peat moss and perlite or coarse sand. Partial sun in winter and shade in summer suits them. Maintain the temperature at 70 to 75 during the day and 10 degrees cooler at night. Keep the soil constantly moist and the air moderately humid. Healthy plants bloom more or less all year around.

African violets and their relatives bloom well under fluorescent tubes as their only source of light. Intensity of 600-foot candles for 14 hours a day is needed.

COMING EVENTS

- Sept. 19 Northern California Council to hold Judging School at Lakeside Garden Center, Rolette Bragg, chairman; Edith Peterson, instructor.
- Oct. 2-3 Maryland State African Violet Society to have show in Garden Room at Levenson and Klein, Baltimore National Pike and Rolling Road, Catonsville, Md.
- Oct. 3-4 Naugatonic AVS to hold annual fall show at Boothe Memorial Park, Stratford, Conn. Theme: "Violets in Autumn." Admission free. 10 a.m. to 6 p.m.
- Oct. 17-18 First Austin African Violet Society to hold display and sale at the Austin Area Garden Center in Austin, Texas. Open to Public.
- Oct. 31- Nov. 1 Nutmeg State African Violet Society to hold fall meeting and Judged Show at West Haven Motor Inn, Exit 42, Connecticut Turnpike, West Haven, Conn. Theme, "Heavenly Violets." Mrs. George Boose, chairman.

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AFRICAN VIOLETS, others with FIBROUS ROOTS.

GLOXINIAS, others with TUBERS

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also lists BOOKS, SEEDS AND SUPPLIES.

Send directly for SEEDS \$1 packet: Buell's HYBRID Gloxinias, 200 trumpet or double, 100 slipper; 100 Streptocarpus Rexii Hybrids.



BEST OF SHOW — "Skyline" won for Mrs. John Poulette of Kempton, Pa., the Best of Show award at the Lehigh Valley African Violet Society show held in Allentown, Pa. Theme was "Magic of Spring."

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Calling all MEN

(Editor's Note: Guess something has been started by these recent articles we've been having in the magazine about interest men are showing in African violets and about men's AV clubs. If you men have something to say, let's hear from you. Send your article to the Magazine Editor. Let's have a column in each issue devoted to MEN ONLY!)

*By Alfred G. Alf,
1133 Elm Street
Beloit, Wis.*

If the editor would put a caption on this article, it might be titled "From Plant to Plants"—for that's exactly how I became involved with violets and why my plants took so many awards at the Wisconsin convention. I have this to say for African violets: As they grow for you, they grow on you!!

I remember my first effort in growing violets. My mother always had some violets in the house. They seemed to do good for her even though she didn't grow them under artificial lights.

A couple of years after her death I married. One day I brought home a leaf and put it down to root. It ended up in a plant that grew to about 18 inches across, but had no name. Soon after, my wife's grandmother died in Dubuque, Iowa. She had a small collection of violets and after the funeral I had the privilege to bring a couple of her plants home. The plants seemed to do good, I thought.

Basement of Violets

Later I changed jobs and went to work for a milk company in Rockton, Ill. Part of my job was door-to-door delivery. One of my customers had many beautiful African violets blooming in her windows. When I professed an interest in African violets, she invited me to see the plants in her basement. It was full! I had never seen so many violets! The plants were under fluorescent lights. It was Mrs. Richard Krull's home.

Mrs. Krull, gave me some plants and many leaves. Some rooted. Some didn't, but soon I had a great number of plants.

When Mrs. Krull mentioned organizing a club in the evening, I was delighted. With the assistance of Mrs. Ida Scudder of the First African Violet Club of Beloit, we organized a club with seven members. We have auctioned off plants and traded leaves. We have had study programs to learn more about African



1970 SEEDLING — Alfred Alf displays one of his first seedlings. The picture was taken April 19.



TAKE AVSA AWARD — Here are Alfred Alf's three plants, "Easter Bonnet," "Fandango" and "Emperor," which won the AVSA Rosette at the Wisconsin convention in Milwaukee.

violet culture.

In the meantime, in our basement, I started hanging lights and building benches on which to place my violets. We would visit greenhouses and purchase more African violets. Soon I was hanging more lights and building more benches—and putting down leaves. Now I have around 600 plants.

Well, they really aren't all mine! My wife has 10 starts with mine.

Wife Helps

And I really should say 'we', because had it not been for my wife's helping, sometimes washing pots, sometimes transplanting, I would not have been able to take the awards at the Wisconsin convention. Perhaps, most of all, it was her patience with me—with my spending so many hours in the basement at nights while she was with the children. But those hours in the basement over the winter months proved most rewarding when I learned our "Fandango" was Queen of the 1970 AVSA Convention and our other plants had won so many other awards.

Meeting all those other African violet growers at Milwaukee makes The African Violet Magazine more real and I am proud to say that my collection has grown from "plant to plants."

FERTILIZERS

James B. Smith
2448 Avondale Ave.
Roslyn, Pa.

All checks for growth, leaf color, size, color of bloom and general plant vigor should be made on plants grown under adequate light, proper soil acidity (app. 6.5 pH) and porosity, free of pests, at 60° minimum dark temperature, and a maximum of 85° light temperature with 65° to 75° ideal.

NITROGEN. The first number of a fertilizer formula as 12-36-14 (Peters African Violet-Special) indicating 12% Nitrogen. It is the element which controls general growth, foliage color and strength of bloom stalks. A deficit of this element is first shown in poor foliage color, second weak bloom stalks, third, poor plant growth. The deficit may be augmented by a low pH and a compact or water logged soil. **REMEDY:** Correct pH by dusting the soil with limestone, change to a more porous soil or feed a high nitrogen fertilizer. An excess of this element first shows as rank growth, second, a narrow rim of light coloring around the edge of the leaf, and third, the tip of the lower leaves die (Ni-

trogen burn.) **REMEDY:** Leach or change soil and use a low nitrogen fertilizer.

PHOSPHOROUS. The second number of a fertilizer formula as 12-36-14 indicating 36% Phosphorous. A deficit shows as poor bloom even with adequate light and proper temperature, it may be augmented by a build up of fertilizer salts or iron causing a fixation. **REMEDY:** Use a high phosphorous fertilizer, leach out the salts or change the soil. An excess produces a spindly wobbly plant, if worth the trouble reduce to a good crown and reroot.

PHOSPHOROUS WITH CALCIUM. The rooting element, a deficit is indicated in poor roots, even with a porous soil (The roots may be burnt off with improper feeding or destroyed by pests.) **REMEDY:** Water the plant with limewater. (1/4 tsp. limestone to a quart of water) or dust the soil with 1/8 tsp. of limestone, calcium carbonate (chalk or whitening) or agricultural gypsum (calcium sulfate) per 3" pot and water into the soil.

POTASSIUM. The third number of a fertilizer formula as 12-36-14 indicating 14% Potassium. This element with water produces the fluid for transfer of plant food (sugar, starches and oils) within the plant. A deficit is shown by the plant's lack of vigor. **REMEDY:** Dust the soil lightly with unleached hard wood ash, or a small pinch of Muriate or Sulphate of Potash and water into the soil; or use a high potash fertilizer.

GENERAL. The above is meant to be used as a guide in forming a program for feeding your plants, as there are many unknown factors, may I suggest you use it on an experimental basis. A program featuring continuous feedings of dilute solutions is recommended. Continued use of the same brand of fertilizer may cause a build up of salts or acid. I believe it is better to change to another brand every week or two.

Did You Know . . .

That the Bergen County African Violet Society in New Jersey is trying to promote AVSA by giving a one-year membership to AVSA to the person winning the non-member award in the society's annual show? With this membership goes The African Violet Magazine in which appears much informative and helpful information for beginners.

Relative Humidity

Relative humidity. The important word is relative. When it is cold and dry outside, keeping your violet growing area cool will automatically improve relative humidity. 68 to 70 degrees is ideal but 65 is better than 75 when the north winds blow.



Post-Convention Tour to Hawaii

*By Edith Peterson
Convention Program Chairman*

Join the African Violet Society's Post-Convention Hawaii Tour after attending our 1971 Convention in San Francisco.

Jet to the Island Paradise of the Pacific for a never-to-be-forgotten nine days—April 24 to May 2, 1971. Spend four nights in bustling Honolulu on Waikiki Beach at that beautiful, unspoiled patch of old Honolulu, the Halekulani Hotel.

For one evening, don your most colorful and comfortable Hawaiian garb for LUAU time. Let your hair down and capture the true Polynesian spirit. Experience a new thrill in dining and delight in the fascinating presentation of Hawaiian, Tahitian, and Samoan entertainment. Taste authentic Hawaiian foods such as kalua pig, lomi salmon and poi.

Enjoy a half-day trip visiting downtown Honolulu, National Memorial Cemetery in Punchbowl Crater, and on to Mt. Tantalus for a panoramic view of the city, Robert Louis Stevenson's Grass Hut at Waioli Tea Room, and return to Waikiki via Punahou School, the University of Hawaii and East-West Center.

Spend an evening at the "Polynesian Cultural Center"—where six Pan-Pacific races are gathered into one convenient viewing area. A choice of American or Polynesian buffet is yours followed by a spectacular show featuring the members of each of the six Pan-Pacific races in the Center.

Garden Isle

On the fifth day fly to Kauai, the Garden Isle for a drive to the Wailua Marina to board the motor boat for a delightful cruise up the Wailua River to the Fern Grotto with its fantastic overhanging ferns. After the cruise, take a drive to Holo-Holo-Ku Heiau and Opaekaa Falls. Sightsee around the south and west sides of Kauai. The Island's beauty unfolds before you as you drive along the ginger and hibiscus bordered highway to magnificent Waimea Canyon (Grand Canyon of the Pacific) and 4,000-foot Kalalau Lookout for a panoramic view of the Island's lush vegetation. Return via Poipu Beach and Spouting Horn to Coco Palms, your port for this night.

The following day fly to Maui for a most interesting day visiting the slopes of Mt. Haleakala to enjoy a breathtaking view of the central part of the Island, then to Iao Valley to view the "Needle" - - - a volcanic Spire.

RHODE ISLAND SHOW—"African Violets Go Visiting" was the theme of the sixth annual show, staged by the Rhode Island African Violet Society with Mr. and Mrs. Salvatore Ruggieri (pictured in photo) as staging chairman and co-chairman. Top winners were queen of show, "Fanfare," runnerup, "Stateliner," Mrs. C. Russell Marshall, Warwick; Princess, "White Peacock," and junior queen, "Countdown," Mrs. Constantino DoPaco, East Providence; runnerup, "My Darling," and runnerup to junior princess, "Gisela," Mrs. Herman Lippman, Cranston; junior queen runnerup, "Squaw Valley," Salvatore Ruggieri; and junior princess, "Icy Peach," Mrs. William Megarry, Warwick. Mrs. Herman Lippman was show chairman.

WICKING VIOLETS

(Notes on a demonstration given by Lillian Mote to the Gulf Breeze African Violet Club.)
Materials:

- Nylon stocking knit, 4 x 18 inches
- Horticultural charcoal
- 4-inch pot and violet soil
- Glass bowl or goblet to hold pot
- Styrofoam circle for bottom of bowl
- Plant ready for 4-inch pot

Bring wick up through hole in pot.

Put charcoal in bottom of pot, about 1/2 inch, to help prevent rot.

Put name of plant on pot.

Bring wick to center of pot.

Put in plant and soil. Firm soil and water from top.

Put plant in bowl or goblet to hold end of wick and water.

Leave no water in the bowl until the soil has dried out so that it is dry to the touch. Then water from the top and leave a little water in the bowl. If you are leaving, put an inch of water in the bowl.



HAWAII TOUR — Hawaii is calling all AVSA members who are planning to attend the 1971 AVSA convention in San Francisco. For little less than \$600, nine days in Hawaii are being offered as a post-convention tour, April 24 to May 2.

You will ride the only railroad operating in Hawaii, the historic Lahaina — Kaanapali and Pacific Railroad. This will take you into Hawaii's colorful past. Your destination is Lahaina where you will visit the old Baldwin House, the Carthaginian whaling museum, the old Prison, see the beautiful black coral gathered in the waters off Lahaina.

A short flight will land you in Kona, on the Big Island. Your hotel for two nights will be the new Keauhou Beach Hotel.

Kona Coast

Enjoy a full day of sightseeing on the famous Kona Coast. In the morning a leisurely "Captain Cook" cruise up the Kona Coast to



I would like to have more information on the Post-Convention Tour from San Francisco to Hawaii.

NAME

STREET

CITY STATE ZIP

NUMBER IN PARTY

SEND TO:

Kealahou Bay, site where the explorer Captain Cook was struck down by native warriors. At the Bay, transfer to a glass bottom boat for a view of the most beautiful marine gardens in the world.

In the afternoon, drive around the historic Kona area visiting Kealahou Bay, the City of Refuge at Honaunau, the painted church of St. Benedict, the Coral Grotto, Keauhou Bay and Machad's Rock Garden.

Your eighth day in Paradise will be a most memorable one. Bidding goodbye to Kona that morning, you drive past the 1950 Lava Flow, the Black Sand Beach at Punaluu, and into the Hawaii National Park; visit the steam vents, sulphur banks, lava tubes, forest of giant tree ferns and enjoy lunch at famous Volcano House overlooking Halemaumau Crater.

Rainbow Falls

On arriving in Hilo, a short tour of the city, visiting Liliuokalani Park, Rainbow Falls, orchid and anthurium nurseries, and stop to observe the art of lauhala weaving.

After a refreshing night's sleep at the Orchid Island Hotel, you will have time for that last chance to finish up that sun tan or to stop for last minute gifts.

In the afternoon you will fly non-stop from Hilo to San Francisco, ready to return to your homes refreshed and full of stories with which to entertain your friends.

Price is approximately \$550 plus \$24 tax, per person based on sharing a twin-bedded room. Single room supplement is \$85. Rates subject to adjustment to 1971 tariffs. This includes round-trip, economy-class, air transportation from San Francisco, air fares between the Islands, first-class hotels, meals on the outer islands; all transfers; and a comprehensive program of sightseeing on all the Islands. A local escort will be provided from the time you leave Honolulu for the other Islands, until leaving Hilo for home.



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FROM THE PRESIDENT'S CHAIR

In these days when the words Pollution, Protest, Dissent, Strike, Narcotics hit our eyes from every page and bombard our ears from every side, aren't the very words "African Violets" soothing to worried ears? Why, in the face of all the above troubles, even a mealy bug isn't the disaster that it used to be; it's even nice to have a problem we can cope with. Would that a can of spray could cure the world's ills!

Isn't it heartening that so many of us have this comforting escape; we can work with our violets, meet at conventions, attend our clubs, or just talk to a friend about violets. More and more people are feeling the need of belonging to the Society which engenders this communication. New members are joining every month and for them AVSA spreads the red carpet of hospitality. We welcome you. We know you are bright, intelligent people so give us the benefit of your thinking: send us your ideas and suggestions.

Renewals this month exceed those of the same month last year. Some, not many, have dropped out for one reason or another, and if you know any who have, please tell them that we miss them and hope that they will hurry back.

This President's chair is a large one for one person to fill but with all of you helping me and working with me toward our goal of more and more happy African violet-loving members, I will feel quite at ease in it.

Coming together is a beginning

Keeping together is progress

Thinking together is unity

Working together is success.

Helin Van Gèle



AVSA BOOSTER FUND

Mrs. M. E. Garner, Chairman
4817 Cleveland Ave., N.W.
Canton, Ohio 44709

Correction from last report: Mrs. H. Rienhardt, Syracuse, N. Y. (\$10.00) Should read: New York State AVS in memory of Homer Boltz, Past-President — \$10.00.

Grand total to March 1, 1970 \$2,738.29

Contributors:

Rainbow AV Club, St. Louis, Mo.	\$ 5.00
Lone Star AVS, Dallas, Texas	3.00
Miss Gwen Goodship-Patience, London, England	1.00
Mrs. G. B. Hudson, Westfield, N. J. (In lieu of speakers fee)	15.00
(Lehigh Valley AVS)	
Mr. & Mrs. G. B. Hudson, Westfield, N.J. (In lieu of speakers fee)	15.00
AV Club of Trenton, N. J.)	
Central Connecticut Saintpaulia Club, Meriden, Connecticut	10.00
Fleur DeLis AV Club, Saint Louis, Mo. ..	5.00
Mrs. G. B. Hudson, Westfield, N. J. (In lieu of fee, Bergen County AVS)	7.48
Capitol City AVS, Springfield, Ill.	5.00
AVS Springfield, Del. Co. Pa.	
From following — in lieu of fee:	20.00
Mrs. Beauchamp	
Mrs. Mansfield	
Mr. Smith	
Mr. & Mrs. Meyers (From Phil. AVS)	
Mr. & Mrs. Rolph	
Mrs. Hansen	
Mrs. Wolf	
AVS of Phil., Pa. (Courtesy of Springfield AVS)	4.50
Anonymous	1.00
Mrs. B. D. Baxter, Hyannis, Mass.	1.00
The Park Nurseries, St. Paul, Minn.	4.00
Anonymous	2.00
Anonymous	15.60
Helen Van Pelt Wilson, Westport, Conn.	50.00
Plant auction — Milwaukee convention ..	209.50
Mrs. Leon Fiedler, Prescott, Wisc.	5.00
(None qualified for her award at convention show in Milwaukee.)	
Los Angeles AVS in honor of Helen Van Zele	15.00
(Their first prize award for best Yearbook)	
Judges for Lehigh Valley AVS, in lieu of fee:	25.00
Mrs. N. H. Hansen	
Mrs. James Mansfield	
Mr. & Mrs. Richard Meyers	
Mr. James Smith	
Mrs. Anne Tinari	
Mrs. Judy Ostheimer	
GRAND TOTAL to May 31, 1970	\$3,157.37

NEVER, JUST NEVER, pass up a chance to display your violets at a Hobby Show—or a Church Fair—or a garden exhibit or a display anywhere, says Florence Garrity, one of our new AVSA directors.

BOYCE EDENS RESEARCH FUND

Mrs. Paul O. Gillespie
5201 St. Elmo Ave.,
Chattanooga, Tenn.

First AVS, Lake Charles, La.	\$ 5.00
First AVS, Chicago, Ill.	5.00
Northern Calif. Council of AVS	25.00
Inglewood AVS to Mr. Paul Murry in lieu of speaker's fee	7.50
Fleur De Lis AVS of St. Louis, Mo.	5.00
Capitol City AVS of Springfield, Ill.	5.00
Exhibitor Club of Chicago, Ill. in memory of Mr. Lloyd Lamm	20.00
Ixora Circle of Lakes & Hill Garden Club in lieu of speaker's fee to Mrs. J. A. W. Richardson	5.00
Los Angeles AVS in memory of Mrs. Marion Wickstrom	5.00
AVS of East Bay Inc. of Calif.	25.00
Rainbow AVS of Denver, Colo.	36.68
Upper Pinellas AVS, Fla.	25.00
Amethyst AVC of St. Louis, Mo.	10.00
Longview AVS of Washington	5.00
Bakersfield AVS of Calif.	10.00
Hi Hopes AVS of Sharon, Mass.	25.00
Long Beach AVS of Calif. in memory of Mr. Charles Gilker	7.50
Wichita AVS of Kansas	10.00
Long Island AVS of N. Y.	25.00
Rhode Island AVS in memory of Mr. Robert Rigby, Mr. Edward Berling and Mr. Thomas Hollingsworth AVS of Greater N. Y. in lieu of traveling expenses for Duane and Ethel Champion	30.00
AVS of Springfield, Pa., in memory Mrs. E. Eugene Morris	10.00
Sunshine City AVS of Fla.	10.00
Viking AVS of St. Louis, Mo. an award given to the club for their year book at the AVSA Convention ..	5.00

In Memoriam

Theodore Smith Tenney, elderly father of Mrs. Lizeta Hamilton, AVSA Affiliate chairman, died June 3 after a lingering illness. An energetic person, who lived his life to the fullest, Mr. Tenney became a life member of AVSA on his 95th birthday, declaring "You never get too old to become a life member of the African Violet Society of America, Inc!" That was back in 1964! An electrician and consultant, chiefly on heating and air conditioning installation, Mr. Tenney was associated with a long list of imposing structures, such the the Woodworth Building, the Hayden Plantarium, Metropolitan Museum and others.

The heartfelt sympathy of all board members as well as all AVSA members is extended to Mrs. Hamilton.

Have you purchased your AVSA seals — 100 for \$1 — from African Violet Society of America, Inc., Dept. MP, Box 1326, Knoxville, Tenn. 37901.

Do Something for the World of Lonely People

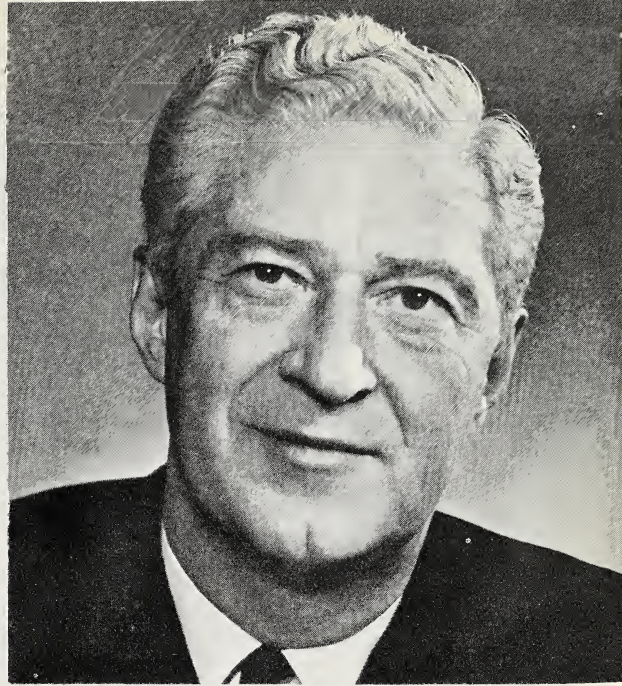
Do something for the world of lonely people—the world of lonely people in institutions, nursing homes and rehabilitation centers.

This was the message brought to the Wisconsin convention by Stanley C. Foll, horticultural consultant of Pewaukee, Wis., who pointed out that “African violets are living things. African violets make people interested in things alive.”

“There are two ways of spreading light,” he explained. “You can be a candle that gives light or a mirror that reflects light” as he went on to challenge AVSA members to spread light and happiness by taking African violets to lonely people who have no hope for tomorrow and to provide something alive for them to be interested in.

His talk, “Horticultural Look at a Changing World,” dealt with the advances made in science, medicine and technology and a look into the future as he pointed out that a study of ecology is a must or “we’ll pollute ourselves off the earth. We’ve got to take care of the problems we’ve created. Your and my interest in doing things easier is the cause of such environmental conditions as air and water pollution that exist today. We need more horticultural products. We’ve got the area—but all we’re trying to do is to pollute ourselves off the face of the earth if we don’t bomb ourselves off first.”

Foll amazed and amused his hearers as he took a look at tomorrow, at the population explosion, at the average family’s income, which he said by 1975 would be \$10,000 and by 1995 would be \$25,000, with Uncle Sam taking more than \$5,000 of it; at the advance of medicine, predicting that by the year 2000 every ailment of mankind will be curable except the decay of life itself; and at the great amount of leisure time persons will be enjoying before the ’70’s are over. These were some of his comments: “Exploitable labor will be out by virtue of the federal government. No one will be able to get a job unless he’s 25 years or older. At 50, you’ll need no job. Within 10 years many large firms will work a year and rest a year. By 1990 you’ll be at work six per cent of the time—the other 94 per cent you’ll be on vacation.”



Gov. Warren P. Knowles

Governor at Convention

Wisconsin certainly scored more than one FIRST at the AVSA convention in Milwaukee. Not only was it the FIRST AVSA convention ever hosted in Wisconsin, but it was the FIRST time a governor of any state has ever attended an AVSA convention!

Governor Warren P. Knowles came down from Madison to greet friends in Milwaukee, television carried his appearance at the convention and his genuine interest in the many facets of staging an African violet show as tremendous as the one in Milwaukee.

Gov. Knowles was high in his praise of those who entered exhibits and expressed his appreciation for the theme depicted through the arrangements and artistic plantings denoting the various seasons of “Violets in Vacationland.” “The display of beautiful African violets was not only unique, but showed the great talent of the exhibitors,” the governor said.

YEARBOOK AWARDS

The yearbook entered by the Los Angeles AVS of Los Angeles, Calif., in the yearbook competition at the Wisconsin convention received the first prize of \$15, awarded by the AVSA Library of which Mrs. Wayne Schroeder of Elmwood Park, Ill., is the chairman.

A total of 63 yearbooks were on display at Milwaukee, having been entered by AVSA affiliate organizations. Second prize fell to the Windsor AVS of Windsor, Conn., and third prize was captured by the African Violet Society of San Francisco, Cal.



Pinks by Frathel's

ABOVE: RUSTLING PETTICOATS
BELOW: MY APPLAUSE

Photos by Frathel



Violets for the Sick

*By Clarissa Start
of the Post-Dispatch staff
St. Louis, Missouri*

When you have had a loved one in a hospital with a terminal illness, the regular visits become so much a part of your life that you feel a little lost when it's all over. This is the way Mrs. B. F. Francis felt after her mother died and it was no longer necessary to visit St. Luke's Hospital.

The thought occurred to her that maybe she could go back to the hospital and do something for other patients, perhaps as a memorial to her mother.

That was more than 15 years ago and since then, thousands of patients at St. Luke's have met Jane Francis and her friend, Mrs. Daniel Dohm, Jr. as they wheel their flower cart from room to room and give each patient an African violet.

From June 1, 1968 to June 1, 1969, the two volunteers gave 280 hours of service to the cart during which time they made 1742 bedside visits and gave 564 plants to the patients. The total statistics at that time included 4320 hours of service, 25,841 visits and 8679 African violet plants. Usually they visit each patient three times, returning to see how the plant is getting along—and how the patient is doing, too.

"People usually are delighted to receive a plant," Sue Dohm said. "Often they want to know what it costs. They can't believe it's free."

"We don't insist that they take them home," said Mrs. Francis. "If the patient says he isn't able to care for plants at home and would rather leave it, he doesn't hurt our feelings. But most of them take them home and very often learn to love violets."

There's nothing one violet lover likes to do more than to get a novice hooked on the habit.

A classic example of a woman who is hooked by the habit is Mrs. S. E. Shantz who has given more than 1400 plants to the project through the years. Mrs. Shantz who lives in a small country home just off St. Paul Road south of Ellisville, Mo. has her house filled with African violets—living room, bedroom, kitchen and even a chicken house which she calls "my violet shop."

"You've got to be out of your skull to do this," Mrs. Shantz says with a hearty laugh, "but I love it."

As was the case with Jane Francis, Mrs. Shantz's interest was rooted in sorrow. Her son, a fighter pilot, was lost in World War II

and, as she tells the story, "Whenever I felt despondent or blue, I'd start transplanting violets. Everyone I put down, grew. Occasionally one would go limp and I'd say, 'Look, you've been out of this pot two or three times. If you don't make it this time, see that bucket over there? There you go!'"

Mrs. Shantz isn't the only source of violets for the St. Luke's cart. Another violet grower Herb Renner has supplied them in past years. Members of the Normandy Club furnish plants and almost every violet club in the St. Louis area makes donations of plants or money. St. Luke's Auxiliary and the Metropolitan St. Louis African Violet Society also have been generous with financial support.

Two thick scrapbooks record the success of the service. "I'm not good at writing with my left hand," wrote a patient whose right arm was broken, "but I wanted to tell you what a wonderful thing you are doing" . . . "You brightened my hospital stay" . . . "It gave me a big lift when I was sick" . . . "My violet is doing well" are among messages regularly received. And one patient was moved to reciprocate. Noticing that the old flower cart was rickety and rackety, he sent them a gift—a fine new cart.

Medical Alert

Persons handling phosphates (parathion, tepp, Thimet, Diazinon, Vapona, Cygon, malathion, Dibrom, Meta-Systox R, Systox, sulfotepp (Dithio), schradan (OMPA) and Di-Syston) should obtain a cholinesterase test. It is suggested that the person handling or exposed to these materials have the blood test under "normal" conditions so that the results can be used as a guide line in case of accidental exposure or as a check on future cholinesterase levels. This test is not often done in the smaller hospitals, but the larger ones (over 250 beds) are generally equipped to do it. Before an emergency arises you should contact your local hospital or clinical laboratory to see if they perform this test.

The most practical test is one which determines the level of cholinesterase in the blood stream. Cholinesterase is an enzyme, normally present in our blood, which regulates the action of our muscles, breathing and central nervous system. Constant exposure to or use of phosphate insecticides can inhibit the action of cholinesterase, with serious consequences.

Phosphorus controls growth and gives nice sturdy plants. Lack of phosphate will give dwarfed or stunted plants and will increase red color in leaves. Phosphate is used by plants to produce new growth and in large amounts in producing flowers.

A NEW ROOT SYSTEM

*Mrs. Joseph F. Adams
186 Waverly Road
Shelton, Conn. 06484*

Have you ever had anyone ask, "What do you do with a plant when it is growing out of the pot?" or "How can you correct a long turkey neck on a plant?". Another such question is "What shall I do with the neck when I remove several rows of leaves from a plant?". Sometimes you may have an old plant that seems to be growing into a tree formation. When a plant grows in a "tree formation" it doesn't look as well as if it had only a few rows of leaves. You can remove several rows of these leaves gradually, set it down deeper in a pot, or cut off the entire root system and start the plant over with fresh root growth. In this way you can keep the plant in a smaller pot.

Very often a plant may have some of the petioles resting on the rim of the pot. The fertilizer salts or minerals may accumulate on the rim of the pot and injure the petioles. This may cause an injury which may not heal and thus the leaf will turn yellow, then brown and rot off. In time this leaves an unsightly "long neck" on the plant. Also, you may have one that seems to have limp leaves around the bottom which no amount of watering will revive. When this happens you can readily see that there is something wrong in the pot.

For any one of these reasons or others, a new root system may be the answer. If there are no visible insects or nematode damage, your plant may be suffering from root or crown rot and you can salvage the plant by cutting the entire root system off at the soil line. Inspect it carefully and cut away any part of this stem which does not appear clean and healthy. If crown rot has gone up too far into the crown, you may not be able to save it but you would know if this were true as it would be brown through the core of the stem.

When all the bad area is cleared away, you should try to have about an inch of the main stem of the plant left. There are several procedures you may follow to reroot "what is left of your plant."

(A) — WATER METHOD

1. Take a glass, custard cup, pill bottle, or any other such suitable container and fill with tepid water.

2. Insert the "stem" of the plant into it, keeping the crown above the water.
3. Keep in good light but out of the sun.
4. In anywhere from 2 to 4 weeks you will have a nice new root system appearing.
5. Be sure to watch the water level in your glass or whatever, so that the stem is constantly wet.
6. Prepare your pot with soil that you use for potting your plants but leave a cavity in the center of it.
7. Fill this cavity with vermiculite.
8. Moisten the medium in the pot but don't soak it so that it is soggy wet.
9. Insert the stem of the newly rooted plant into this and tamp it in well.
10. You may cover the whole plant with a plastic bag and set it into your regular growing area. Do not seal the bag.
11. Keep the plant damp and within a couple of weeks your plant should be well enough established to place with your other plants and treated in the same way.

(B) — VERMICULITE METHOD

1. Fill a flower pot with vermiculite and set into a saucer of warm water, or dampen it well from the tap.
2. When vermiculite has absorbed enough moisture insert the prepared plant stem into the center of it. Keep damp at all times.
3. Cover with plastic bag, put in good light and within a few weeks it will have a nice new root system.
4. At this time prepare a pot with your regular soil and put the newly rooted plant into it.

(C) — VERMICULITE and SOIL

1. Prepare pot with potting soil.
2. Set pot into saucer and dampen with warm water.
3. Scoop out center to leave a cavity.
4. Fill this cavity with vermiculite and dampen it.
5. Insert the stem of your prepared plant into this and firm it well.
6. Place a plastic bag over it and set in good light but not direct sunlight.
7. Keep this damp, not soaked, and in a few weeks your plant will be off to a good start. This plastic cover should be removed when the plant is well rooted.

A bright student looked thoughtfully at the examination question which read: "State the number of African violets shipped out of the United States in any given year." Then her brow cleared and she wrote: "1492 — none."

PHYTOILLUMINATION

*Mrs. Paul Pollock
St. Louis, Mo.*

Wild beasts and plants survived, matured, propagated, and mutated if they could adapt sufficiently to nature's inconsistencies. Civilized man's distinct superiority manifests itself in his never-ending struggle to modify, restrain, augment, or generally improve upon Mother Nature's whims, thereby making his environment more comfortable, and the fruits of his labors more productive.

Phytoillumination, the growth of plants under artificial light, is just one example. Since it was proved that plants can be successfully grown in the complete absence of sunlight, many commercial growers and hobbyists as well, are happily practicing phytoillumination. The advantages include more precise control because the light is constant regardless of the sun or season. Flowering, ripening, faster growth and more abundant production result.

The Greek word "Photos" means light; thus photosynthesis refers to the process by which plants (in the presence of light) manufacture carbohydrates from carbon dioxide and water. The amount of light necessary for photosynthesis to occur varies with the individual characteristics of the specific plant being grown. Naturally, cultural habits must also attend to other of the plant's needs, such as soil, watering, fertilization, humidity, ventilation, and TLC. Plants grown under artificial lights require fertilizing oftener because they are more constantly growing.

Three percent of the total energy of sunshine reaching plants is used in photosynthesis; the rest is reflected, passes through the leaf, or is absorbed as heat. The chlorophyll bodies which are the center of photosynthesis are called Chloroplasts. Another chemical pigment found in plants is known as Phytochrome. This pigment triggers growth changes in the plant's lifetime, and it is activated by red light. When they are exposed to long days of red light, many plants mature more rapidly, but these plants are apt to be tall and spindly, as is characteristic of plants grown solely in incandescent light. However, incandescent light can be used to augment fluorescent or natural light.

Plants grown in blue light alone are inclined to be thick-stemmed and short, with dark green leaves but sparse flower production.

A combination of both red and blue lights in the proper balance promotes the best growth and flowering.

Newton's Theory

Isaac Newton, in 1666, investigated the problem of color fringes in telescopic lenses. When he theorized that the trouble might be the very character of light itself, he studied how light formed colors. He admitted a tiny beam of sunlight into a darkened room and passed it through a prism. The beam looked just like a rainbow, ranging in color from red through yellow, green, and blue to violet. He then passed each of these colors in turn through other prisms, and they remained the same. However, when he reversed the position of the prism, the colored bands again became white sunlight. He thus concluded that white light is actually a mixture of colored lights, each of which bends differently when passed through a prism; and this bending enables each to be seen as a separate color. The band of colors is known as the spectrum.

The visible spectrum has colors ranging from red to violet, and wave lengths ranging from 3,800 to 7,800 angstrom units. An angstrom is a unit by which the length of light waves can be measured. It is a tiny one-two hundred and fifty millionth of an inch in length.

Wave lengths critical to plant growth range from 3,000 to 8,000 angstrom units, and although some of these are invisible to our human eyes, plants use them in elongation, flowering, and phototropism, which is the turning of growing points toward the source of light. Wave lengths between 7,000 and 6,100 angstrom units produce the greatest photosynthetic activity, and the new agricultural lamps are designed to meet this need.

Ultraviolet radiations are at the short end of the spectrum and invisible to us, but damaging because of their burning or tanning rays. Equally invisible and damaging are the infra-red or heat rays present at the long end of the spectrum. Photosynthetic activity stops in both the ultraviolet and infrared zones.

Foot Candles

A foot candle is a unit for measuring the amount of illumination. According to Webster, it is "equal to the amount of direct light thrown by one international candle on a square foot of surface, every part of which is one foot away." Manufacturers of photographic light meters can supply a conversion table for foot candles. The GE 213 measures directly in terms of foot candles. However, light meters are useless with the new agricultural lamps because

they measure ALL light, and these lamps lack green and yellow. They must be measured in labs with a gadget known as a spectro-radiometer.

I personally feel that our plants are constantly sending us messages which are easy to understand if we are receptive to them. The same rapport we had with our tiny babies and children before they could speak, is easily established with our plants. For example, mine usually complain of neglect, and I feel appropriately guilty.

Light tends to move in a curved line between the poles at either end of the fluorescent tube. The central twelve inches of the tube is the peak of this curvature, and thus emits the strongest light. GE has designed a tube to circumvent this, and they claim that their POWER GROOVE lamp forces the arc stream inside the lamp to travel in a wavy path so that their eight-foot lamp is actually equivalent, arc for arc, to an ordinary nine-foot lamp. GE recommends using both incandescents and fluorescents, the latter of which should contribute 10% of the light intensity; or the ratio of about two fluorescent watts to one incandescent lamp watt. Sylvania, with its Gro-Lux and W/S Gro-Lux tubes, claims to have produced lamps which reach farther into the far red area of the spectrum . . . particularly the W/S . . . which supplies extra values for high energy crops. I presume that with the extra "red", incandescents are unnecessary. I have W/S in my basement, and plain Gro-Lux on our living level. The plants under W/S seem to grow and flower much better, although it is possible that some other variable is a contributing factor.

As for our dear African violets, which have been grown under controlled artificial lights and other conditions at various universities, the findings are that these lovely plants need between 300 and 600 footcandles of light to complete their growth cycle. The day-length might vary with the particular variety and the distance from the tube.

Under Lights

Many growers of African violets have produced gorgeous plants in well-lighted east or north windows, but these adaptable little dolls really "shine" under fluorescent lights. With the proper balance of light and other good cultural habits, they grow thicker and glossier foliage, shorter petioles, and more abundant flowers. And they aren't necessarily limited to just a "once-a-year" show, but can bloom quite beautifully all year round.

They thrive under any of the white, natural, or daylight fluorescents; equally well

under lavender-tinted agricultural lamps. Some gardeners dislike lamps which "glamourize" the colors of the plants because they think it is too disappointing to remove them from this light to natural light. I personally and quite candidly endorse the quest for glamour by using any cosmetic to enhance my appearance, but as those of us who use lipstick use it daily, I think that plants grown under lavender lights should be maintained under the same lights. However, if personal preference dictates, there are certain combinations of fluorescents which will enhance color only slightly.

The author of "Gardening Under Lights," Elvin McDonald, suggests suspending a pair of 40-watt fluorescent tubes, with a reflector, eighteen inches above a table. It will light a space approximately 2 x 4 feet, with room for about eighteen violets in 4-inch pots; or many seedlings, cuttings, and tiny plants in 1 to 3 inch pots. He recommends spacing large plants 10-15 inches from the tubes, or 7-9 inches from 20-watt tubes and activating the lights for from 12-16 hours per day.

Seedlings require more light than mature plants; blue-flowered types require more light than white and pink-flowered ones; girl-type foliage and light-colored-leaves need less light; spoon leaved varieties will spoon beautifully in very strong light and a rather dry atmosphere.

Variegated Varieties

Variegated types often are pesty problems because although they need the chlorophyll to promote growth, as the plant enlarges, the green often crowds out the white or pink variegation. McDonald suggests using the agricultural lamps on these. I have, and my "Tommie Lou" shows a pretty pink and white variegation which wasn't apparent when I first purchased it.

McDonald mentions an "innovation" suggested by a successful grower of his acquaintance. It consists of 84 hours of continuous light, maintaining the normal balance before and after treatment. It should only be used on healthy plants which, for no apparent reason, fail to grow or bloom adequately.

Another theory propounds that reversing day and night temperatures produces better growth and bloom. This was reported in The African Violet Magazine by Dr. Frits W. Went, while he was Director at the Earhart Laboratory for Plant Research, in Pasadena, California.

The only "gadget" I really treasure is my automatic timer, without which I was sorely bruised from stumbling down my basement

steps more asleep than awake several times weekly.

Being a somewhat naive and lazy "amateur", I feel presumptuous preparing a report on Phytoillumination to present to a group of experts. Although I probably haven't succeeded in contributing to your already sophisticated knowledge, I want you to know that I have learned a great deal.

REFERENCES: "The Complete Book of Gardening Under Lights" . . . Elvin McDonald.
Compton's Encyclopedia . . . various articles on Plants, Light, Radiation.
"Plant Growth Lighting" . . . General Electric Booklet.



Mrs. Harvey's Plant

A Little Bit Of Heaven

By Mrs. Fritz J. Harvey
2208 - 14th Street
Tuscaloosa, Ala. 35401

That is what a young friend says about my African violets. Bless her!

I enjoy growing the beautiful plants and they seem to like the way I care for them. They are a joy to behold with blooms all the year round. My husband made my stands out of birch. They are about 72 inches long and 60 inches high, holding three shelves with two 48-inch Gro-Lux lights for each shelf with reflectors. The lights stay on 14 hours a day.

I have one group in front of triple windows facing west. I have another stand with two shelves facing south. They are in the living room, where everyone can enjoy them.

I grow my young plants on the back porch on two long lighted shelves. Our home has forced air heat and is air conditioned.

Albright's Mix

My plants are grown in the mix, suggested by Mr. Winfred Albright in the September 1966 African Violet Magazine. However, I do steam the sand and peat moss and add agricultural lime along with the fermate. I am grateful to Mr. Albright for the information for I was getting tired of buying soil for my nearly 300 plants.

We buy peat moss by the bale for use in the yard (the brown always) and we do have plenty of sand. I must say this is the best formula I have ever used.

I fertilize with Liquid Whale, Sturdy, Plant Marvel and Schultz Instant. All this makes such good roots, which in turn makes good foliage and lots of bloom. I use Stim-U-Plant VC 13 for drenching and spray with Raid.

For Pleasure

I do not sell plants—just grow them for pleasure. They are nice for gifts and to exchange with friends. I enjoy The African Violet Magazine and have learned much from it about the culture of this "little bit of heaven" plant.

Convention Awards

Some awards for our Convention Show at San Francisco in 1971 are coming in. Many of the sponsors, who have supported us in former years, will give the same awards as in the past. However, there will be need for new awards as many people and organizations sponsor awards for a convention when held in their area.

For these who are interested in what specific varieties may be eligible for special awards, the following varieties will have special awards; Tinari's "JENNIFER," "POODLE TOP," "RUTH CAREY;" Granger Gardens' "BLUE REVERIE," "LAVENDER GEM," "ROYAL LAIRE;" Richters' "BLUZETTE," "EYEFUL," "NEW SNOW," "PHILLY," "SOFTIQUE," and Lyon's "BABY PINK," "HIGH VOLTAGE," "INKY PINK."

Honorary Memberships

One-year honorary memberships in appreciation for the work done during the past year were awarded by AVSA at the Wisconsin convention to Richard T. Meyers of Orelan, Pa., who served as chairman of the Philadelphia convention; Mrs. Ross V. Lahr, Littleton, Colo.; Mrs. Herbert Sullivan, Huntingdon, L. I., New York; Mrs. G. S. Callaghan, Windsor, Ontario, Canada; Mrs. Dana R. Gipson, St Louis, Mo., and Mrs. Glenn B. Hudson, Westfield, N. J.



"Baby Pink" — Lyon



"Red Choice" — Lyon

Summer Is A-Goin' Out . . . New Varieties In . . .

(Photos by Joan Van Zele)

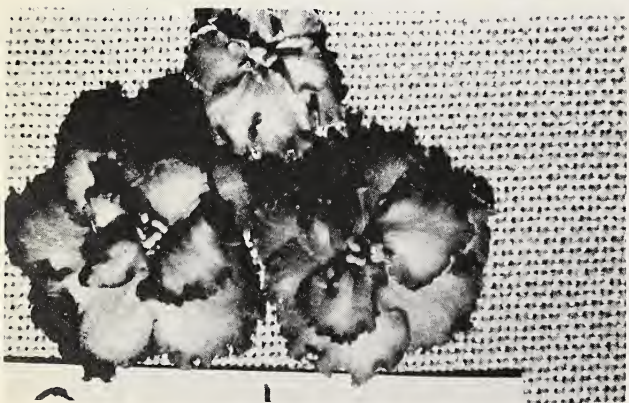
by Charles C. Day
220 West Sunset Road
San Antonio, Texas 78209

I'm sure that many of you remember the class in freshman English Lit when you were engrossed in all sorts of facinating projects, such as how you could get the professor to quit droning on that Chaucer bit about "summer is icumen in." (This was before we knew that it was the "in" thing to set fire to the professor and hang the university president.) Anyway, as this is being written, summer is about to come in. By the time you read it, though summer will be on the wane, and the lovely harvest moon season will be waxing. So will your hormones — just dying to get back to those violets, throw out all the dogs (non-performers, that is), get a bunch of new ones, and we're off to see the wizard!

Speaking of wizards, that never-failing

genie, Lyndon Lyons, has popped out of his bottle (oops, sorry, Lyn, I didn't mean for it to sound like that!) with a couple of sports: "Red Choice," a free-blooming double red with dark tailored foliage, is a sport of "Purple Choice," and "Baby Pink," a bright pink sport of "Baby Dear," with the same profusion of full double flowers, has glossy miniature darker green foliage.

Saw one of the loves of my life. Anne Tinari (I saw Frank, TOO, of course), at Milwaukee, and she promised me that she would



"Orchid Luster" — Tinari



"Poodle Top" — Tinari



"Wine Bouquet" — Constantinov

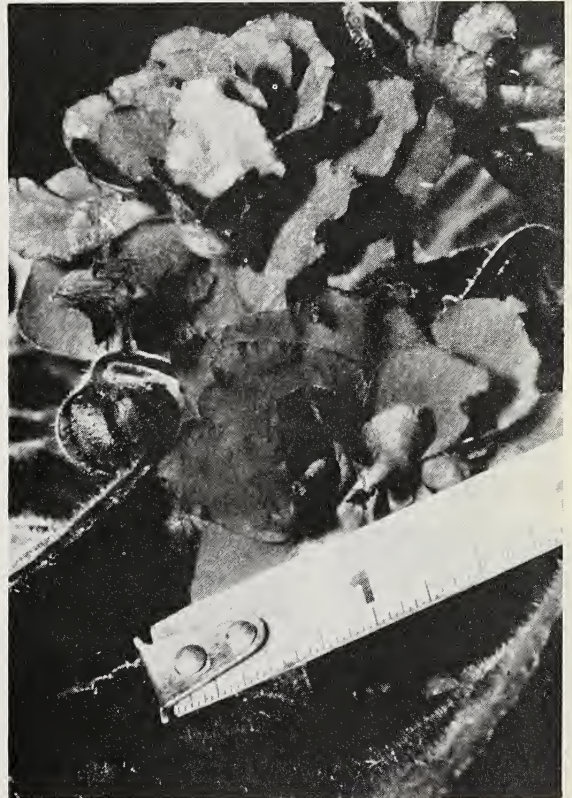


"Boutique" — Richter

do everything that she could to help me with this column, especially since I am the ugly duckling following the beautiful swan act of Helen Van Zele. The Tinaris have a couple of new things: "Orchid Luster," a double two-tone lavender with deeper rosy lavender border. Foliage is deep emerald green with a firm quilted leaf. "Poodle Top" is a new flower formation: rosy lavender to mauve ruffled petals, with lower petals of lavender pink. The shiny quilted foliage is heart-shaped.

Had a couple of quickies with Victor Constantinov in Milwaukee, plus a lot of interesting conversation. He has a new lovely called "Wine Bouquet," which has clusters of double wine blooms which stand up sturdily over tailored foliage.

I have never had the good fortune to meet the Fishers from Canada, but if their violets are any indication, they must be THE MOST. They have just introduced "Royal Cluster," a manganese violet single to semi-double stars that do not drop, with a deep wide band, plain



"Mr. R" — Richter



"Royal Cluster" — Fisher

medium green foliage.

Everybody was busy as ever at the convention, but I did get to say "Hi!!!" to Alice Richter. Just for kicks, think back over your violet-growing years and see how many of Richter's goodies you have grown — you'll be



"Gem Dandy" — Kramer

amazed at how they continue to be some of those standards by which all newcomers are judged. Two of their newcomers are "Boutique," a very double large pale blue medium-sized plant with plain foliage. "Mr. R." has very symmetrical tailored foliage with huge deep reddish purple blooms.

From Kramer comes "Gem Dandy," a double dark and medium blue, with fifteen or more blossoms to a stem and quilted waxy leaves.

Those wasp-type blossoms are certainly, and this time Dates gives us "Snow Wasp," a very prolific continuous bloomer, with light green, slightly wavy leaves. Its wasp-type blossoms hang on—and who isn't thankful for that?

Speaking of "standards," as we were a moment ago, cudgel your brain to see how many of Granger Gardens' varieties have set the pace. Another pace-setter from the Eyedoms may well be "Royalaire," a strong dark blue double, white-edged, with tailored foliage. This type always goes over strong at a show.

I'm sure you're already bemoaning the loss of La Van Zele to this column to such a



"Royalaire" — Granger Gardens

minor thing as being AVSA president. But just cinch your (oops — I almost said garter belts) . . . nothing lasts forever, even this one!

ES TODO — GRACIAS A DIOS.



TWO PRESIDENTS — Mrs. Lymon Carlisle (right), president of the Tallahassee Garden Club, Inc., and Mrs. Maurice S. Dillingham, president of the Florida Federation of Garden Clubs, Inc., talk violets over a beautiful African violet, "Coon Valley," grown by Mrs. Henry C. Mills. The two presidents were in attendance at a three-day landscape design school. Mrs. Mills is an AVSA teacher and is also a master judge.



"Snow Wasp" — Dates

My Best Buy - - The Story of "Tommie Lou"

*By Tommie R. Oden
Hattiesburg, Miss.*

I really hit the jackpot when I ordered a leaf of "White Pride" for 50 cents from Mr. Clyde Roloff in Chicago. It was among several that I received on January 10, 1957. It looked like any other leaf that you might buy, trade or receive as a gift. It wasn't long before it began showing that it was no ordinary leaf.

First: It put up plantlets earlier and they grew faster than any that I had ever propagated. I was able to put two plants in 2 1/4" pots in April. By June one had to be moved to a 3" pot. At the same time the Mother leaf had grown another family that were ready to be pulled off and given individual pots. Not suspecting the leaf of more unusual antics, I did not keep an account of the number that it produced, but there were 6 or 8 at least. In September the plant that had been put in a 3" pot, was ready for a 4" pot and won a blue ribbon in Atlanta at the Dixie African Violet Society show in October.

Second: When I moved the plant to the 3" pot in June, I put down two of the lower leaves (they were the small baby leaves). One of these produced Supreme plants that I was very proud of and still have.

Third: When the plant was moved to the 4" pot in September, I again saved some of the lower small leaves. There were four or five of these which I placed in a coffee can filled with vermiculite. These were not ready for potting until early the following spring, but I had been watching one leaf that had sprouted one almost albino plantlet. As it developed it showed a very distinct pattern of variegation. The variegation was only a feathering of white, or cream color, around the edge of each leaf, each being green in the center. Soon there was another surprise.

The flower stems and calyx of each were distinctly pink. The blossoms were the usual double white, but the pink stems made it a very striking sight.

By the time the plant began to bloom I was getting interested in its behaviour, so I put down all the leaves that it could spare. In due time each of these produced plants with the same type of variegation. I now have about 30 leaves from the fourth generation producing plants all true to the original sport. It seems that I can be sure that it will not vary as some variegated foliages have. Incidentally, it will take normal fertilization without becoming all green. (Reprint from the Dixie News)



SEEDLINGS — Harold and Cordelia Rienhardt proudly display two of the "Tommie Lou" seedlings resulting from the cross of "Purple Gold" on "Tommie Lou." The Rienhardts operate Rienhardt's African Violets at 4463 W. Seneca Tpk., Syracuse, N. Y.

Tommie Lou's Progeny Here

*By Cordelia Rienhardt
Syracuse, New York*

Did you know that "Tommie Lou" has been taking fertility tablets? Well, she has and has produced 34 beautiful offsprings, all with gorgeous variegated foliage just like their popular mother. The father of this healthy crop is Granger Gardens' "Purple Gold."

"Tommie Lou" has been voted the most popular African violet by members of AVSA for the past two years and when the votes are all counted for this year, I wouldn't be sur-

prised if she won again. As much as everyone loved this variety, many wished to see a colored blossom on "Tommie Lou" variegated foliage. Naturally, everybody and his brother from coast to coast have been trying to make this cross, but somehow "Tommie Lou" remained very difficult. Either the cross would not take at all or the seed pod would be sterile. After many, many fruitless tries "Tommie Lou" was introduced to strong, virile, beautiful "Purple Gold" and zingo, love at first sight! I am happy to report that Harold Rienhardt, Syracuse, N. Y., was the lucky guy to succeed with this cross.

Perseverance Pays

Many have asked if we attributed his success to any particular reason. If there is any one thing responsible I would say it was perseverance. When one cross failed he would try again and again. He kept most of my "Tommie Lou" plants busy, trying to make them produce.

The seed pods were given to Lyndon Lyon and he deserves all the credit for bringing them through. The seedlings with plain foliage were discarded and 34 with variegated foliage were grown. The best of this group will be tested and released for sale when a sufficient number have been grown. There are singles and doubles in shades of blue and wine color.

Several names have been discussed and much against his will, Lyn Lyon and I have decided to call one "Happy Harold" after their hybridizer. Another one may be named "Top Dollar" to alert you that these plants will cost you money. The plants will be shown for the first time nationally at the AVSA convention in San Francisco and probably will be available soon after that.

New Field Opened

This opens up an entire new field, because the seedlings seem to be very willing to cross with any Tom, Dick or Harry and not nearly as selective as their aloof mother. Lyn has crossed pinks, stars and what have you and we have a light blue seedling crossed on a dark blue as well as others. So the future should bring us all types flowers and colors with none of the beauty of "Tommy Lou" variegation lost in the transition.

Do you grow African violets in an apartment? If so, contact the editor giving name and address.

What pesticides have you used safely in YOUR home? Please let the editor know. Give name and address.



TOP HONORS — Mrs. J. C. Harris (top photo) is shown with her plant, "John Bradshaw," named queen of the show at the Fort Worth AVS' ninth annual show. She also won awards for the best variegated plant, "Printed Silk," and the best seedling. Mrs. Howard Green's entry in the table division (lower photo) won top honors. Other top winners were as follows: Gold Rosette, "Coral Satin," "Red Rich," "Window Blue," best arrangement; artistic sweepstakes, Mrs. Roy C. Basham; best double, "Rhapsody Ophelia," best single, "Rhapsodie Claudia," best miniature, "Mischievous," and horticultural sweepstakes, Mrs. Christine Osborn; sweepstakes runnerup, Mrs. Charles M. Barry; best episcia, "Moss Agate," Mrs. Oran Crouch.

MY 14 YEARS WITH VIOLETS

By Irene Mooney
716 So. Apperson Way
Kokomo, Indiana 46901

To say I'm enthusiastic would be the understatement of the year. I am an absolute addict. Now I have the deepest sympathy for alcoholics and compulsive gamblers. The first eight years I was a "Ho Hum" grower, content with a dozen varieties and 40 to 50 plants. Then I went to some shows and ordered some catalogues. Now I am hooked but good. I have 300 varieties and counting the babies over 1,000 plants. My husband gave me the magazine as a 1963 Christmas gift. I haven't missed an issue since. At Christmas 1966 I had 149 plants in full bloom. Last Christmas I had such a crowd I didn't get to count but I know there was more. My largest number of bloom stems was 11 on a "Calumet Beacon" and my largest number of wide open blooms on one stem was 12 on a "Strawberry Short Cake". I don't go in for monsters much, I don't have the room, but I have a "Double Black Cherry" and a "Romney" that have passed the 20-inch mark. The Romney has 5 bloom stems. I'm the impatient type, so I root all leaves in water. If I don't have rain water, strained or boiled, I use tap water boiled. I find boiling takes a lot of the minerals out. You should see our tea kettle. A new one gets lined with rock in a short time. I use my little Granddaughter Marilee's baby food jars and dime store glasses. If I want to put two kinds in one jar, I divide the top with a strip of foil and put a label on each side. In water if a precious leaf starts to rot you can see it and recut when roots are one inch or less. I pot in weak soil and feed with $\frac{1}{4}$ strength Hyponex. I take lots of kidding and love it. One neighbor started to giggle and said, "I've seen lots of wall to wall carpet, but this is the first time I've seen wall to wall violets." I had locked up the south door on a closed in porch and set trays on the floor. Another said, "No wonder your violets grow so well. They live in a jungle."

Makes Stands

My husband, bless him, makes beautiful wooden stands and kabitzs from the side lines. Once when a "Fire and Ice" came out all pink, he said "It's ice melted." But once he saw a beautiful plant and mooched a leaf for me and later saw a beautiful double white and brought it. It turned out to be "Snow Ballet" I love it!

The stands have 4 shelves each and each just fit a window. I have 6 of these. Each will hold 40 full grown plants. I don't care much for north windows, not in this 65 yr. old house

but I use the few I have. I use windows on all sides. The east windows on the porch have big Maple trees that cut off the sun about 10 or 11 A.M., so no curtains. I get the most blooms in my south windows. I tame the sun with scrim curtains with tiny dots so if you don't have a good place for violets MAKE ONE. Ours just live with us and love it.

For years I had only two plant foods. I took commercial cow manure, soaked it in a 5 gal. can and used the water the color of weak tea. (I boiled it just before using) and super phosphate (1 teaspoonful to 2 Gal. of water). Then I got so I couldn't navigate the basement stairs and had to turn to package foods. I've tried several kinds and still experimenting. So far my favorites are Hyponex 7-6-19 and Plant Marvel. Both are heavy on the blooms, so I still get an occasional batch of manure water brought up to sustain the plant. I just received my first pkg. of Volkman's constant feed 15-30-15. It turns the water blue. It's too early to tell about it, but Volkman's Soil WOW! That's a horse of a different color. Last fall I hit the magic button and my mouth is still open. I'VE been growing 14 yrs. and thought I was an expert. You sure are never too old to learn. We had a vacant corner, 5 feet, by 18 inches deep so my husband built a wooden stand to fit the place. I enameled it gleaming white and it's beautiful. He installed four 48-inch lights. The top has a two tube Gro-lux and the other three have one tube Plant Gro each.

Gets Leaves

I ordered 25 fresh leaves from Krogman's and received 30. I rooted them in water only, had to recut one when I went to pot them. One had curled up so I broke the stem trying to pot it, but lucky for me they had sent two of that one so I didn't lose out on any. I potted these in Volkman's soil and fed with $\frac{1}{4}$ strength Hyponex and put them in my new stand under my new lights. Then I sat back and said, "Oh boy, that will be my January fun when the snow gets every where." But by Christmas they were pushing each other out of the pots like a flock of baby chickens. I never saw anything like it! I lost a few of the babies because I had a crowd at Christmas and couldn't get to them. When I did, little "Prairie Afire" had started its second crop right under the first so in getting the six big ones I lost the four white ones down under. But who needs 10 all alike? Re-

mind me to wait till Sept., 21 or 30 to receive my next order from Krogman's. I received these Sept., 7, I see by the latest Catalog that Krogman's may not ship leaves in 1970. Some one tell them they can't do this to us. I just found them last fall and if you want to hit the magic button try a combination of Krogmans leaves, Volkman's soil, Hyponex (very weak) and Plant-Gro lights or Gro-lux. I have seven plants from my own seed. I'm up to back crossing in that department. Did you ever see a moniter plant? Well I (as far as I know) invented one! I thought of calling it a "Humidaguide" or "Barometer" but that didn't sound right so I called it a "Moniter." It started with a tomato plant. I planted a pinch of seed by a Violet to get ready for my out door garden. I very quickly discovered that when the tomato wilted my Violets needed a drink. Can't you just see my going around feeling in 1000 pots? Then friend hubby started griping about that old ugly vine so I cast about for a more attractive plant that wilts and recovers quickly so I came up with coleus, a tender plant with beautiful colored leaves. I grow them both from seeds and cuttings. You can put a cutting in a glass of water and it will have roots in a week, I have two red-leaf plants on the back porch. Some call them blood leaf begonia but they don't favor my other begonias. They do wilt and recover quickly, so I use them as moniter plants. They set on the highest shelves and yell before the violets hurt. Besides ordering a lot of the new outstanding varieties, I'm still catching up on beautiful old timers that I never had room for before. I have a half-opened bloom on my first "Fiesta Flame" and large plants of "Delft Imperial" and half a hundred more. I never use a 2 inch or 2½ inch pot. I always let them get too dry. I use 7-ounce Dart cups when I take the plant from the old leaf, then on to a 9-ounce. A 9-ounce cup is all a window sill size ever needs. A dart cup is a reusable cup for hot or cold drinks, styrofoam made in Michigan. I like them best because they are stronger than the other brands and I'm always picking them up by the rim. Also I can scrape the inside rim and use again. If you are on a strict budget they are a Godsend. I never go beyond a 4-inch regular pot.

On the Dart cups I take a pen knife and make a little hole in the bottom. There is a little circle on the bottom just right, and violets grow better in them because they are strictly neutral. They don't pick up and magnify the heat or cold. A clay pot doesn't magnify the heat but they sure sop up the cold. I never bang a pot on the table to remove a plant. If it's put up right it doesn't need it. I save all broken thin dishes and clay pots to make pieces

to put over drainage holes, then simply push up on the pieces with a pencil or old ball point pen and the whole thing comes out with no damage. I always put a pinch of coarse Sponge Rok and charcoal over the pieces in the bottom of the pot for drainage.

Gift Plants

I'm trying to sell a few of the surplus now to make room for some new ones. A few close friends come in for a special gift plant or to take to the Hospital. I use them for gifts, too, but the young ones just spread out so fast I can cram 20 to 21 seven-ounce cups in my plastic trays and before you know it there is only room for six. Now to you who are just starting, don't throw a leaf away too fast if it is healthy. I did some swapping of leaves with a friend and "Wild Fire" made one plant and waited a long time and made one more but I didn't throw it out, it looked so good. Now the first two are in full bloom and "Wild Fire" has 10 more plants two inches high. What am I going to do with 12 "Wild Fires"? I don't know but I learned a lot. Now about a beautiful plant I have. It was labeled "Dbl Livada." I got it from a friend in 1964 but have never seen it listed any place. What interests me most is its absolute likeness to "Strawberry Short Cake" except the color of the blooms. They are a vibrant dark blue (almost as dark as "Grand Duke"). It has the same shaped leaf, same fast growth, profuse blooms as "Strawberry Short Cake." I like to pair them off a "Dbl. Lavidia" by a "Strawberry Short Cake", a "Crown Of Red" by a "Hi Hopes" etc. Some day I swear I'm going to thin them out so I can have 6 to 12 inches between each plant so they will look like an orderly place instead of a jungle but right now I'm having a ball!

Give an African Violet Magazine subscription as a Christmas gift.

Crumpled up plastic sacks fill up the gaps in packages you mail, make a soft cushion and stuff so nicely into the corners.

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VIOLETS ARE FASCINATING

By Mrs. R. W. Dixon
32 Azalea Drive
Gretna, Louisiana 70053

African violets are fascinating!

Ten years ago I knew nothing about African violets. In fact, I'd never heard the name.

I'm a typical flower lover and one day while I was browsing around a flower shop I saw one and inquired about it. A few days later while I was reading a magazine I came upon an article that dealt with African violets, and also noticed an ad for the African Violet Magazine. I sent in my subscription and received my first copy in September, 1959.

Today I feel this was the best investment I ever made flowerwise.

Reading and re-reading the magazine, I learned more and more about African violets. I tried many of the suggestions made by growers. Oftentimes I could not get ingredients locally, so I had to substitute. So through trial and error over the years I have come up with some sickly-looking plants, some very pale ones and some very small ones.

Something To Offer

But today, my story of violet growing is quite different. This is the reason for this article. I feel I have something to offer readers.

Thanks to the magazine and its many contributors, I finally have a growing medium that I think has eliminated the anemic condition under which my violets were growing. However, my growing conditions are still not ideal. I have a 12' x 12' greenhouse, made of fiber glass. The heat in the summer gets awfully high. Often the temperature gets to 110 degrees. But so far I have not had crown rot.

The colors of my blooms are much more vivid and the size of the bloom is unbelievably large, which is surprising to me after my struggling so long.

Flowerwise, I feel like a millionaire. I am sure under more ideal conditions, such as lights and air conditioning, my plants would do much better—if that's possible.

Gives Formula

After seeing the progress my plants have made in the past five months, I would like to share this soil mix with you. I think it's great. Here is the formula:

- 1 bucket (10 quarts) Redi earth (sold by Zonolite).
- 1 bucket (10 quarts) peat moss

- ½ bucket (5 quarts) perlite or vermiculite
- 1½ cups bonemeal
- 8 tbs. superphosphate
- 5 tbs. hydrated lime
- 4 tbs. whiting (at hardware)
- 1 teaspoon tetracin
- 1 tbs. fermate
- 1 tbs. Activo
- 2 cups chick charcoal

Mix all dry ingredients to each gallon of water; add 1 teaspoon VC 13, mix well, use just enough water to dampen the mixture. Cover with plastic cover. Let stand for one week. Uncover and mix again without added water. Let stand another week. After these two weeks, mix is ready to use.

If you try this mix, I hope you have the same if not better results than I do. I am an amateur grower, grateful to the AVSA magazine from which I have acquired much valuable information.

Give an African Violet Magazine subscription as a door prize at your shows.



TWO WINNERS—Here are two winners at the Haines City (Fla.) African Violet Show, "Any Time Is Violet Time." They are Mrs. H. S. Johnson with best single, "Rhapsodie Elfrieda" and Mrs. J. I. Addison with best double, "Coon Valley."

Becomes Slave to African Violets

By Mrs. Adair Welton Markby
Horse Rock Road
Westernport, Maryland 21562

Anyone who has had a "love affair" with African Violets has a story to tell and this is mine.

Soon after our first baby was born, five years ago, my husband and I built a new home on top of a high mountain here in western Maryland.

One of our first visitors was my aged Aunt Marybelle, who brought us two nameless African violets - our first housewarming gift. I placed both plants on my windowsill, where they received sun plus humid air from my dishwasher. There they sat and grew and flourished and added a cheery note to that first long cold winter, when I stayed at home and took care of our new son. It was a good beginning.

A few years later while visiting in and around Washington, D. C. I chanced upon Benke's Nurseries in Beltsville, Maryland. There I purchased African violets for the first time - "Inca Maid", "Midnight Melody" and "Pink Halo". Slowly without realizing it, I was becoming one of the many African violet addicts.

Then, one day my husband brought home a magazine, "The Home Garden" (March 1966). While glancing through the classified ad section, I noticed the names of about half a dozen African violet growers and sent for their listings, which arrived shortly afterward.

Amazed at Varieties

I had fractured my ankle so I had ample time to read and re-read the descriptions of the numerous varieties. I was dumbfounded, as I suppose most people are, when I discovered how many varieties exist. I decided to place my first order with Mrs. Leonard Volkart in Missouri. After much pondering, I selected "Glory Maid", "Fair Elaine", "Pat's Pet", "Tiger", "Highland Beau", "Snow Giant" and "Fringed Wedgewood". The plants arrived in excellent condition along with Mrs. Volkart's friendly helpful comments. From that time on I became a hopeless captive to the miraculous charms of these enchanting plants.

My next target was Fischer Greenhouses, from which I received "Royal Jester", "Witchcraft", "Athena", "Frosty Pink" and "Red Honey".

Last summer my sister, who has her Master's degree in Plant Pathology from the Uni-

versity of Saskatchewan, visited me. By this time I was taking full advantage of my double patio door and an excellent northeastern exposure with the added advantage of an overhanging roof and large old oak trees to give shade from the summer sun. On two double-tiered brass stands I was displaying about two dozen blossom-laden violets in identical 4" cream colored plastic pots.

Plant Pathologist

My sister, pleased and impressed, laughed to think that she is the plant pathologist and I have the "green thumb". Soon after she returned home I received a gift subscription to "Chatter" - a pleasant surprise from her. This was my first taste of information about African violets and I loved it. I found I was waiting for each issue with such anticipation that I just couldn't rest until I had subscribed to the African Violet Magazine. Of course, I just had to have Carolyn Rector's "Master List of African Violets" and her book "How to Grow African Violets". Just recently my husband added "The New Complete Book of African Violets" and "African Violet and Gesneriad Questions Answered by 20 Experts" (Helen Van Pelt Wilson) to my growing library.

In one issue on "Chatter", I read that Mrs. Georgia Price of Neoga, Ill. was looking for the violet "White Orchid" I immediately wrote and told her that Mrs. Volkart had this variety for sale. Since then I have been corresponding with Mrs. Price and she has been so kind to me. People who love African violets are very special it seems to me. In April, she sent me 30 well-chosen leaves. They arrived in plastic bags with a blossom in each bag to show me what the plant would look like when it bloomed. I promptly planted them, the first leaves I have ever received through the mail. "Strawberry Shortcake" and "Prom Queen" are blooming now and others are getting ready to "follow suit". Not only do I have the promise of lovely new plant varieties but also I have a new-found friend - Mrs. Price.

Recently I located three greenhouses in western Pennsylvania and have made trips to each buying a dozen plants each time. My Mother's Day present this year was - you guessed it - African violets.

As my collection has grown, I have retreat-

ed to our basement where space is no problem. I now have five 48" lamps and am experimenting with Cool-white, Gro-lux and Gro-lux Wide Spectrum lights.

"But I'm Learning"

So far I'm just a novice but I'm learning. Most of my plants are not much more than a year old. I use plastic pots, Black Magic Violet Mix and a piece of plastic wire screen in the bottom of each pot. Although most experts root leaves in vermiculite alone, I prefer to use a mixture of sterilized sand and vermiculite. I haven't settled on any particular fertilizer. I try them all.

I've been fortunate to escape, thus far, much of life's sadness and many of the disappointments most people must eventually face. So for now, my violets are just filling an already happy life with more happiness. But when the time comes, as it surely will, I know my lovely little God-given violets will, in their own unique way, help me. I'm putting a lot of faith in them and I have a feeling that they won't disappoint me.

Helpful Hints

A very satisfactory fluorescent light combination to use is—one Standard and one Wide Spectrum Gro-Lux lamp (1:1 ratio). This combination emits high amounts of red and blue wavelengths, as well as emitting in the far-red region which is important for low- and high-energy requirement varieties.

If African violets grown under the Gro-Lux lamps are not fed and watered more frequently than under conventional light sources, optimum plant growth will not be obtained, because of the stimulating effect the Gro-Lux lamps have on plants.

INSECTICIDE STRIPS

Insecticide strips containing DDVP should not be hung in rooms where infants or ill and aged people are confined, the USDA warned.

Marketed under several brands, the strips are designed to be hung in a room where the insecticide vaporizes continuously to kill fly insects.

DDVP is an abbreviated term for the insecticide Vapona containing 2,2-dichlorovinyl dimethyl phosphate.

Plastic sacks make instant mitts: two rubber bands hold sacks in place while you stir up potting soil, use that bug spray or dust.



PRIZE WINNERS — In the top photo are the award winning plants at the Columbus (Ohio) AVS show, "Violets for All Seasons." They are "Clipper," queen of show; "Autumn Russet," princess; "Blue Chips," best blue; "Coon Valley," largest plant; "Window Lace," best miniature; "Sugar Pink," best variegated; "Pink Eumorpha," best gesneriad. Lower photo pictures four of the prize winners, left to right, Mrs. Allen Rump, Mrs. Elmer Lusk, Mrs. James Phillips, and Mrs. Vernon Roth.

Mrs. Chas. Bozak Has 500 Plants

Mrs. Charles Bozak of 255 Byram Road, Byram, Conn., writes of changing to UC Mix, and says, "I'm having the best time with my plants for the first time in 10 years of growing African violets."

"My plants are just full of flowers and the leaves are big and strong, too," she continued. "They are a picture to see but a little more work for me as I have to water about every other day now as well as feed them one-third fertilizer every time I water. Often, I have to let other things go undone in order to take care of my 500 plants. I have a lot of babies coming up. And with all these plants I spend more time in the basement than I do upstairs."

An Open Letter

by Mrs. Joseph Larose
RFD 1, Saco, Maine 04072

May I address this letter to all you folks who have been finding fault from time to time with AVSA and the AVSA Magazine?

To begin with, no matter how hard a magazine tries to please the majority, it is humanly impossible to hit the jackpot of a meeting-of-the-minds in every single issue. Look at any magazine on the newstands and you'll find this true! What may prove interesting and beneficial to one person may be boring to another.

Look how far we've come in the last few years with our magazine color. This in itself has added depth to each issue for now we see first hand what a variety looks like. I bet commercial orders have swelled.

Our AVSA magazine is truly YOUR magazine and what's printed in it depends upon you, the reader—yes, I said YOU! If you don't like the articles on "TLC" or the "come up the hard way" articles, can you do better? Then do! Or get someone who can to write such an article.

Our AVSA is one of the largest plant organizations in the world, formed to help its members toward successful growing. The AVSA Library is one of the very finest and offers a wide variety of helpful subjects in packets for program preparation and slides for programs. Sure once in a while the slides come mixed up—but they've probably made the rounds of several societies before they reached you. Don't blame the library!

Think what the Boyce Edens Fund has done for growers like you and me! If it wasn't for the money spent by AVSA on research, we might still be groping in the dark to keep our plants alive and healthy. If it wasn't for the loyal support of the individual contributors, the speakers' fees, the other donations and club pledges, AVSA wouldn't be able to carry on this work.

Look at our officers and committee chairmen who work 12 months of the year to carry on AVSA work! And they work for nothing! Look at the columnists and staff writers who give of their time!

Don't forget the AVSA is a non-profit organization with much of the work being done free with the label of "LOVE" attached to it.

Of course, it costs money to publish the magazine and to maintain an office in Knox-

ville—but if it wasn't for all the volunteer help AVSA gets, we would have no African Violet Society of America, Inc. So let's all get on the bandwagon—let's ban such words as "grumblers" and "grippers"!

Let's think positively! Not what can AVSA do for me—but what can I do for AVSA!

Look Your Plants Over

Summer vacations are over, Labor Day weekend has come and gone with its memories of wonderful weather, and the students have returned to their classes again. Activities are changing from summer to fall and thoughts return to our African violets which perhaps have not received enough of our tender loving care during the past three months.

Now is the time to give all the plants a good grooming and repot the ones which have been in the same soil or pot for nine months or more and may have outgrown their pots. A strong, healthy, actively growing African violet will produce more abundant and larger blossoms than one which is barely existing in worn out soil.

Removal of the old yellowed leaves and repotting to the next larger size pot with fresh potting mix and watering with the proper amount of fertilizer should pep up those summer jaded plants and start them on the pathway to their full potential of beauty which we all hope to achieve.

Any suckers should also be removed before the plant is repotted and those of sufficient size can be planted in a starter mix or dampened vermiculite and propagated into new plants more quickly than can be done by starting with a leaf. Covering the containers in which you have planted these suckers with plastic film, will conserve the moisture and hasten rooting. Be sure the plastic film doesn't touch the leaves of the suckers.

Now that you have started the job you have been putting off, don't your plants look much better and certainly you are glad to be working with your African violets again. (Reprint from Blossoms, Seattle (Wash) AVS Newsletter, Emory Leland, editor)

Do You Know . . .

Where Mildred Brunette, 257 Allen Street, East Longmeadow, Mass. 01028 may obtain some older varieties she used to have? Some of those are Sissy Britches var., Rainbow Trout var., variegated double Uncle Bob, Colorful Doll var., Magic Colors var., Persian Carpet var., Bud's Yum Yum, Atlas, Daphne and Miff.

WILL-O'THE-WASP
Dates Violetry



GOLD COAST
Victor Constantinov

POTS

*Mrs. Bernice Osborn
6838 San Juan
Paramount, Calif. 90723*

According to the New York Museum of Natural History the clay pot industry is about 17,000 years old. For the greater part of that time very little change was made in the clay pot. More has happened to flower pots in the last 17 years than in the first 10,000. In the midst of these changes one thing has remained the same—the shape of the pot.

Clay pots come in three regular shapes and most other materials follow these.

There is the standard shape pot, the azalea or 3/4 pot which is 3/4 the depth of the regular pot and the bulb pot or, as it is often called, the 1/2 pot.

Pots are measured by the inside diameter. Clay pots are fairly standard and can be used as measuring cups as follows:

- Two-inch pot holds 1/3 cup.
- Three-inch pot holds 1 cup.
- Four-inch pot holds 2 1/2 cups.
- Five-inch pot holds 4 1/2 cups.

A set of these sizes and marked makes a different gift for the gardener.

There are, of course, pots of many materials—clay, plastic, foam, rubber, wood and ceramic, to mention a few.

Here are the merits of clay and plastic, the two most popular:

Clay pots keep the plant roots cool and aerated. The porous sides leach out the harmful salts from the soil.

Plastic pots, being non-porous, do not dry out as fast and are easier to clean.

Whether you prefer clay, plastic or some other material is a matter of personal choice. The rule to follow is one I read in our African Violet Magazine sometime ago:

“The ideal container must be attractive and should be strong and durable. The ideal container should be large enough to hold a substantial amount of soil, and should have good drainage, and a wide enough base to set firmly where placed.”

How about AVSA jewelry as Christmas gifts? See Nov. 1969 magazine for prices. Order from African Violet Society of America, P. O. Box 1326, Knoxville, Tenn. 37901. Please send check.

BEGINNER'S COLUMN



*Mrs. J. A. W. Richardson
RR #1, Box 70
Tavares, Florida 32778*

HUMIDITY

One of the most needed essentials in growing African violets is humidity. Proper humidity will help to produce more flowering and will increase the size of the blooms. (Too much will encourage rot and mildew.) Leaves will have a luscious healthy green look when the humidity is high. People, musical instruments, antiques and furniture generally benefit from increased humidity in areas where it is low and the temperature high. Try to provide yourself with a hygrometer which measures the moisture in the air just as a thermometer measures the temperature of the air.

Keep in mind that the relative humidity of the air increases as the temperature falls. As the temperature rises, unless some additional moisture is added to the air, it becomes drier. In other words, the higher the temperature is raised above that which generally prevails outdoors, the drier it becomes; thus if you live in a climate where your home is heated, the higher the heat is raised the more you must raise your humidity.

In their native habitat African violets are accustomed to from 60% to 70% humidity. In your home, however, your plants will thrive with from 40% to 50%. If you can drive it up to a higher figure around your plants, so much the better.

One method of raising your humidity is to use a humidifier. Another is to use a hand sprayer and use it two or three times a day. Mine is the type into which air is pumped. It has a very fine spray which the violets love. Do not spray while plants are in sunshine. You can make your own spray by washing out an empty spray type bottle, the kind that certain cleaners come in. Some of my friends place jars of water among their plants. If you have your plants growing in trays which will hold water, you can fill them to just below the bottom of your pots. One reason why plants grow so well in the kitchen is because there is so much humidity there caused by water boiling, vegetables cooking, the dishwasher working, etc. You might try placing sand or grits

REGISTRATION REPORT

*Adele Tretter, 4988 Schollmeyer Ave.
St. Louis, Mo. 63109*



The following registrations have been received during the period from February 28, 1970 through May 30, 1970:

HELEN DALY (2072) M-P 89 d S 4-8-70

Dennis R. Fallon, 41-43-43rd Street, Sunnyside, N. Y. 11104.

GLOBUS PALLIDUS (2073) L-OX 2 d S 4-20-70
Dr. France Baker Cohen, 280 Bronxville Road, Bronxville, N. Y.

BLUE MACHEN (2074) D-B 8 s S 4-30-70

WESTDALE SUMMER SNOW (2075) W 38 d L 4-30-70

MT. SMOKIE (2076) M-BW-E 3 d S 4-30-70
Mrs. Irene Hasseltine, 618 Westdale Dr., Santa Cruz, Calif. 95060.

"SANDY ANDY" (2077) R-PX 239 sc S 5-23-70
Robert J. Craig, 200 Longview Dr., Belleville, Ill.

RESERVATIONS

The following reservations have been received during the same period as above:

HIS TOUCH — LYNN RENEE — PAMELA — TWILIGHT PINK — WHITE SPORT 3-10-70
Reverend Blades' Violetry, Rt. 2, Box 295, Stratford, Mo. 65757.

BRADSHAW'S CHOICE — LEANNE — MARGO — PAUL PHILLIP — RONALD CHRISTOPHER — "SWEET ANNA" — WEE WONDER — WILLIAM BRUCE 3-27-70

Ernest Fisher, 32 Downsview Ave., Downsview, Ontario, Canada.

DOUBLE TALK — ELUSIVE DREAM — ICE BLOND — ILLUSION — ODYSSEY — PATCHES — PROFILES — SAD SAC — SHENANI-

BEGINNER'S COLUMN

(Continued from Page 46)

in a flat container keeping it wet just below where the plants set on it.

Watch out for a change of seasons. For those who live in areas where it is cold in winter and the heat is on most of the time, getting enough humidity in the winter will be a struggle. When summer comes and if in your area the humidity is much higher, your situations will change. Soil will not dry out as fast then and you may need to water less and cease resorting to methods of increasing your humidity. Keep an eye on the gauge of your hygrometer if you have one, or you will suddenly find yourself worrying about crown rot.

GANS 4-15-70

Mrs. H. Kienzle, 68 Bayview Ave., Staten Island, N. Y. 10309.

SILVER—BLUE PACIFIC 5-5-70

Victor Constantinov, 3321 21st St., Apt. 7, San Francisco, Calif.

CLASSY CHASSIS — FANGLED TANGO — JUNNE'S CHOICE — LA PINK 5-16-70

Elmer Swansen, 3331 N. Hazel Pl., Westminster, Colorado, 80030.

"PEPPERMINT FROST" — "SANDY'S CURLY TOP" 5-23-70

R. J. Craig, 200 Longview Dr., Belleville, Ill. 62223.

WESCO, BILLY — WESCO, DELORES — WESCO, JOHANNA — WESCO, MARTY — WESCO, MICHELYN — WESCO, RICHIE — WESCO, TOMMY — WESCO, STEVIE — WESCO, SAN JUAN — WESCO, ROGINA 5-25-70

David C. Allen, 2179 - 44th Ave., San Francisco, Calif. 94116.

CORRECTIONS

PINK DIAMOND changed from semi-minia-
ture to standard.

LOU ANNE changed to *LOUANNA*

WESTWINDS' CHERIE changed from orchid
to blue.

Multiple Crowns

Plants which have more than one stem, each vying with the others for nourishment and light. Let the plant dry out, knock it from the pot, squeeze as much soil from the roots as possible and proceed as follows: Those with individual root systems can be pulled apart and each crown potted. Those with only one root system must be separated with a long sharp knife, keeping the roots on the central crown. Trim the others of the bottom leaves and place in moist peat moss, covered with plastic, until roots form.—Hints by Hy-Trous.

Did You Know . . .

That Col. Dwight F. Gustafson, Army Reserve specialist in industry and commerce and presently director of research and development for the Ecology Service Company, has perfected a product that speeds garbage into compost and simply returns to the soil what was taken away from it?



Hybrids by: **GRANGER GARDENS** Top: Savoy Blue
Bottom: Radiance



Question Box

By Anne Tinari
Tinari Greenhouses
2325 Valley Road

Huntingdon Valley, Pa. 19006



Dear Mrs. Tinari: I am a new member and have been working with violets and houseplants for two years. Of all the books I've read on the watering of plants, they tell you to use rain, snow or distilled water and that chlorine isn't healthy for plants. As a tropical fish hobbyist, I use Water-rite which removes chlorine, adjusts pH to neutral and there's no more aging. I have used this on my plants for two years. I started using it on plantlets grown from leaf cuttings and they grew quickly. I can't understand why it hasn't been mentioned in any African violet books."—Judy Otting, Cincinnati, Ohio.

Dear Friends:

There is nothing more inspiring about being involved with African violets than a violet convention such as the one recently held in Milwaukee. What a privilege to attend such a beautiful well-organized convention. Our hats are off to the Convention Chairman and Co-chairman and her large staff of workers for giving us such a marvelous time. They are the greatest!

What a joy to meet so many of you who read the Question Box and to give all you members an opportunity of listening in on a live workshop you were unable to attend, I am going to let my guests who were on the workshop held at the convention give their answers as presented on the program. My guest for this column will be Mr. Bernard Greeson who is well-known in our society for the many knowledgeable articles he has written and his listing of the many hard to find items in his catalog.

Anne

Q. I am having trouble with Pritchard mealy bug. I have tried Dr. "V", Cygon 2E and chlordane in my soil. However, I still find a bug now and then.

Is Aldrin a more effective poison than Cygon 2E and how do you use it? Also please state the strength to be used.

A. Aldrin or Dr. "V" is the insecticide recommended by the researchers for the AVSA several years ago. It seemed to be highly effective for a while but now some people report that it does not always clean up the infection. This may indicate that the Pritchard mealy bug has

developed a resistance to this specific insecticide. Too, it should be remembered that one treatment or widely separated treatments may not be enough. You have to space treatments to catch eggs, and newly hatched bugs. Usually the best period to observe is 7-10 days. Treatment should be continued until the infection is entirely cleared up.

As with mites, it may be well to use several available insecticides alternately such as Aldrin, Cygon 2E and Isotox Systemic.

The advisability of isolation of plants or growing on wire should not be overlooked in the eradication of this pest.

Q. I want to use sodium selenate on my plants for foliar nematodes . . . does it come in liquid form?

I use P-40 on plants grown outdoors, but do not feel safe about using it in a porch greenhouse.

A. 99% Sodium Selenate is available in capsule form. Capsules are dissolved in water. Would recommend one capsule to one gallon of water.

P-40 or African Violet Miticide is a 2% formulation of sodium selenate and is much more safe to use than the 99%. This can be made a part of the soil mix or can be "scratched in" the top soil of the affected plants.

Q. In preparing some show plants and under very careful examination I find tiny white spots, similar to pin pricks on the young leaves. Not all plants are affected, but a few plants in various areas in my plant room show these symptoms.

A. The tiny spots (similar to pin pricks) may be caused by thrips. You should examine the leaves very carefully from the underneath side. These insects eat the green plant tissue and usually leave a thin epidermal area on the top surface of the leaf which looks like a spot. The best remedy for thrips is a systemic insecticide like P-40 or AV Miticide, Isotox Systemic, etc.

Other possible answers to your questions are (1) if the spots are triangle-shaped and brown or yellow, your problem may be foliar nematodes and (2) if the spots are yellow or brown or even bronze—then it could be a problem of lack of trace elements or it could be spider mite although with this latter pest you

will notice some webbing on the underneath portion of leaves.

Q. I have 700 plants, but am fighting at the moment trouble with large crisp leaves that reach up to the light, growing very tall. Please inform me: Do they want more or less food, more calcium carbonate or nitrogen, am I giving too much light or not enough? I am sure it is not mite as they are all selenated

Has selenate fallen by the way . . . what is the story on it? I know it's a deadly poison, but $\frac{1}{4}$ gram to 1 gallon of water, now who could that harm? We don't have to drink it, so why can't we get it on the market?

A. It would seem that you have two problems: (1) light and (2) fertilizer. Leaves reaching for the light means you have the lights too far away from the plants. If you place plants closer to the light, they will flatten out. Suggest that you may be using a fertilizer with too much nitrogen. Use one with a small amount of nitrogen with more phosphorous and potash. A good one is MagAmp or Peters special violet formula.

Sodium selenate is still available in 90% capsules and in the 2% P-40 or AV Miticide. $\frac{1}{4}$ gram to a gallon of water could very definitely be deadly and this is why excess SS water solution should be dumped out and not left around where a child or pet could drink it. One of the problems with SS is that it does not break down readily in the soil. Therefore, you must be very careful about the discarding of soil which has been treated with 99% SS. P-40 is much more safe to use and it is only 2% SS—but it is a preventive and may not be effective in advanced cases of infestation.

Q. I mix 2 tablespoons of garden lime in a quart of sterilized violet soil. Frankly, it doesn't help with blooming . . . did I do wrong?

A. I would think that 2 tablespoons of garden lime to a quart of soil is too much. I would cut this to one tablespoon. Also it would be better to use Dolomite rather than garden lime. Lime does not necessarily promote bloom. It is mainly used to sweeten the soil or correct the pH. It is indeed associated with healthy growth but phosphorus is the main element to use for bloom.

Q. My problem is four plants that have a white frost on top of the soil. What could cause this? The plants look healthy.

Recently in another pot I noticed a little worm on the top of the soil while watering. Again the plant looked healthy. All my plants are in prepared African violet soil. I would appreciate any help you can give me.

A. The white frost on the soil may be (1) a fungus growth, (2) fertilizer salts or (3) alkali. Remedy for fungus growth is to sterilize

the soil you use or treat the soil with Terraclor or fermate. Leaching with warm water will be the only way to get rid of salts or alkali.

Worms and other such pests as well as weeds and grass growing in the soil indicates a soil that has not been sterilized. You cannot depend on any soil that I know of on the market, being sterilized. The soil may be sterilized either by heat or with Fungi-Soil capsules.

Q. I fear overfertilization of my plants. I use $\frac{1}{4}$ strength once a week and grow plants under one cool white and one gro-lux. Should I step up this feeding?

Also tell me what is lacking when leaves turn yellow?

A. To avoid over or under fertilization, follow the directions on the container of fertilizer. Most directions indicate every two weeks for violets or house plants. To change this to every week, then reduce the amount by half. Peters AV Special lists directions at rate of $\frac{1}{2}$ tsp. per gallon for each watering. I prefer the use of fertilizer in each watering.

When leaves turn yellow, this may be overfertilization but more likely may mean too much light and very likely lack of trace elements such as iron, manganese, copper, magnesium etc. These can be corrected by using Tru-Green Chelated Minerals, leaf mold in soil, a chelated fertilizer, etc.

Q. I have some Kelthane powder. Can you tell me how to use to spray my violets as a protection against mite? Does it work as well as the liquid preparation?

A. It would seem simpler to use the Kelthane in liquid form. It would be difficult to tell you how to mix the Kelthane powder without knowing the exact concentration and/or formula.

Q. I have a very bad case of thrip, possibly 300 plants are involved. I don't understand what causes this. I am ever so careful and have grown violets for years. Unfortunately, not only my collection is infected but I know of at least four other people that are being plagued with this problem. What would you suggest?

A. Use a systemic in the soil mix such as P-40. Spray underneath portion of leaves with a 50% malathion. These are the best remedies for thrips.

Q. Each summer I lose violets from crown rot. Our summers are long the humidity high. Plants are grown in natural light in a "Florida" room of jalousie windows. They are kept out of direct, hottest sun and air circulation is good. I sterilize soil and containers and try not to overwater. Can you suggest any other precautions? What about Fermate? Just how

is it used, in what strength and how often? Should fertilizer be continued in hot weather? I use a weak solution in almost every watering. Some plants are in plastic, some in clay pots. When clay pots show buildup of salts on outside should plants be shifted?

A. I would suggest that you use either Terraclor or Fermate in your soil to solve your crown rot problem. Also check your watering habits. Top watering promotes crown rot. Try watering from the bottom for awhile. This may very well solve your problem. Too, your soil may be too heavy. Try a lighter soil.

It is wise to shift plants from pots with a build-up of fertilizer salts. Clay pots with the edges dipped in paraffin helps. Leaching with warm water helps to flush out excess salts. Dusting damaged petioles or stalks with phaltan helps to discourage rotting due to salts encrustations.

Awards Announced . . .

AVSA Has Six New Affiliates



*By Lizeta Hamilton
675 Soldier Hill Road
Oradell, New Jersey 07649*

Congratulations to all who put on shows to promote not only African violets and their own Society, but also AVSA! We are well aware of the work that goes into every show given and are mighty proud of each one of you.

AVSA is delighted with our new affiliates. YOU are most welcome and we extend our services to you. We wish you great success and accomplishment.

The new yearbook scale of points has been mailed to all affiliates who sent year books for competition at Wisconsin Convention in April 1970. If you plan to enter at the 1971 San Francisco Convention write to Mrs. W. F. Anderson, 360 Tulip Drive, St. Louis, Missouri 63122 for the new scale of points and use them as a guide in preparing your yearbook.

Those groups wishing to affiliate with AVSA should write to me, sending in dues, president's name and address, number of members and full date of your organization.

To avoid lapse in affiliation why not have

a motion on record that your treasurer be instructed to pay the AVSA dues on or before January 5 of each year? This helps the volunteer AVSA workers as well as Mrs. Bell in the Knoxville office.

Would you like to organize an African Violet Society in your area? Write to me for the organization packet enclosing large envelope with address and twelve cents for postage.

Be sure to send me a list of new officers and please use the regular form!! All AVSA forms completely filled in will help us all as we endeavor to be of service to you. Do not send names of newly elected officers to the Editor. The magazine has discontinued using new officers' names because we have too many affiliates.

Be sure to send all Affiliate show write-ups and pictures to the Editor, Grace Foote, 211 Allien Place, Port Arthur, Texas 77640, and observe deadlines as listed under "Strictly Business."

As you prepare for the next annual show, send for promotion material for your AVSA booth to Mrs. Clarice Bell, Knoxville office. Have your request for awards with two schedules in MY possession *at least 30 days* before the show. Some have been a bit careless and disappointment is bound to occur. Should you be unavoidably late, include 60¢ for postage. We are all busy, so please do not ask for exceptions. Refer to the November magazine for show rules!

NEW CHAPTERS

CARAVILLA AFRICAN VIOLET CLUB, Hwy 51 at East Happy Hollow Road, Beloit, Wisconsin 53511.

LINCOLN AFRICAN VIOLET SOCIETY, Mrs. Arnold Otto, President, 2610 A Street, Lincoln, Nebraska 68502.

MANATEE COUNTY AFRICAN VIOLET SOCIETY, Mrs. Pearl Schuman, President, Anna Maria, Florida 33501.

TAMPA AFRICAN VIOLET SOCIETY, Mr. James Rubottom, President, 511 West Juneau Street, Tampa, Florida 33604.

T. H. E. AFRICAN VIOLET SOCIETY, Mrs. Clarence F. Boggan, President, 1024 South Nineteenth Avenue, Birmingham, Alabama 35205.

NEW COUNCILS

OHIO STATE AFRICAN VIOLET SOCIETY, Mrs. Leroy Tucker, President, 2812 North Star Avenue, Columbus, Ohio 43221.

SWEEPSTAKES AWARD

The following societies have received the Sweepstakes Award presented to the exhibitor winning the most blue ribbons in the entire show—Horticulture and Design Divisions.

DIXIE AFRICAN VIOLET SOCIETY, Mrs. G. W. Stikether. Sr., President, Tallahassee, Florida, Awarded to (no report).

ROCKY MOUNTAIN AFRICAN VIOLET COUNCIL, Mrs. Ross Lahr, President, Denver, Colorado, Awarded to Miss Ruth Dodge.

ILLINOIS AFRICAN VIOLET SOCIETY, INC., Mrs. Herman Teater, President, Peoria, Illinois, Awarded to Mrs.

George Christopher.

AFRICAN VIOLET SOCIETY OF MINNESOTA AND UPPER MIDWEST AREA, Mrs. Leon Fiedler, President. Prescott, Wisconsin 54021, Awarded to Mrs. Leon Fiedler.

BAY STATE AFRICAN VIOLET SOCIETY, Mr. C. Woodward, President, Harvard, Massachusetts, Awarded to (no report).

STANDARD SHOW AWARDS

The Standard Show Award, commonly known to many as the green rosette, is given to each affiliate organization once yearly if the score is ninety or more points. It is our pleasure to announce these winners.

FIRST AUSTIN AFRICAN VIOLET SOCIETY, Mrs. R. L. Pritchett, Show Chairman, Austin, Texas, Theme: "Violets For All Occasions," 3/7, 8/70.

LOS ANGELES AFRICAN VIOLET SOCIETY, Mrs. Helen Van Zele, Show Chairman, Lemon Grove, California, Theme: "Violets Swing Into Spring", 2/28 - 3/1/70.

AFRICAN VIOLET SOCIETY OF SYRACUSE, Mrs. Richard J. Gundlach, Show Chairman, Syracuse, New York, Theme: "Violet Revelry," 3/21, 22/70.

BERGEN COUNTY AFRICAN VIOLET SOCIETY, Mrs. Charles Cramond, Show Chairman, Bogota, New Jersey, Theme: "Violet Pow Wow," 3/20, 21/70.

SHREVEPORT AFRICAN VIOLET SOCIETY, Mrs. C. S. Boone, Show Chairman, Shreveport, Louisiana, Theme: "Happiness—Blooming Violets," 3/21, 22/70.

LONG ISLAND AFRICAN VIOLET SOCIETY, Mrs. Richard Bell, Show Chairman, East Meadow, Long Island, N. Y., Theme: "Sweet Sixteen Fantasy," 3/21, 22/70.

AFRICAN VIOLET STUDY CLUB, Mrs. A. W. Eichelberger, Show Chairman, Birmingham, Alabama, Theme: "Highlights of Birmingham," 4/1, 2/70.

OLD DOMINION AFRICAN VIOLET SOCIETY OF NORTHERN VIRGINIA, Mrs. Chatham M. Melchior, Show Chairman, Vienna, Virginia, Theme: "The Magic of Virginia," 4/4, 5/70.

NAUGATONIC AFRICAN VIOLET SOCIETY, Mrs. Lester Nettleton, Show Chairman, Trumbull, Connecticut, Theme: "Memorabilia," 4/4, 5/70.

UNION COUNTY CHAPTER OF THE AVSA, Mrs. Glenn B. Hudson, Show Chairman, Westfield, New Jersey, Theme: "First Signs of Spring," 4/3, 4/70.

VIOLET HARMONY CLUB OF FORT WORTH, Mrs. Guy R. Stratton, Show Chairman, Fort Worth, Texas, Theme: "Violets and The Apollos," 3/27, 28/70.

FIRST AFRICAN VIOLET SOCIETY OF DALLAS, Mrs. John G. Bubak, Show Chairman, Dallas, Texas, Theme: "All Thru The House," 4/5, 6/70.

POMONA VALLEY AFRICAN VIOLET SOCIETY, Mrs. Roy Weekes, Show Chairman, Glendora, California, Theme: "Celebrate With Violets," 4/4, 5/70.

AFRICAN VIOLET SOCIETY OF STATEN ISLAND, Mrs. Walter Hunt, Show Chairman, Eltingville, Staten Island, N. Y., Theme: "AVs Enter The World of Sports," 4/9, 10/70.

UTICA AFRICAN VIOLET SOCIETY, Mr. Albert Newkirk, Show Chairman, Ilion, New York, Theme: "Violets In Song and Story," 4/11, 12/70.

ROCKY MOUNTAIN AFRICAN VIOLET COUNCIL, Mrs. Walter Roesner, Show Chairman, Denver, Colorado, Theme: "Saintpaulia Paradise—Anywhere U.S.A.," 4/11, 12/70.

DELAWARE AFRICAN VIOLET SOCIETY, Mrs. Kyle C. Premeaux, Show Chairman, Wilmington, Delaware, Theme: "Violets In Space," 4/15 - 17/70.

LEHIGH VALLEY AFRICAN VIOLET SOCIETY, Mr. John J. Paul, Sr., Easton, Pennsylvania, Theme: "The Magic of Spring," April 11, 12, 70.

AFRICAN VIOLET CLUB OF TRENTON, Mrs. Joseph Steinkirchner, Yardley, Pennsylvania, Theme: "With Violets To The Moon," 4/23 - 25/70.

COLUMBUS AFRICAN VIOLET SOCIETY, Mrs. Allen L.

Bump, Columbus, Ohio, Theme: "Violets For All Seasons," 4/22/70.

COPPER CITY AFRICAN VIOLET SOCIETY, Mrs. G. E. Kiepert, Rome, New York, Theme: "Sportie Violets," 4/25, 26/70.

CAPITAL DISTRICT AFRICAN VIOLET SOCIETY AND AFRICAN VIOLET SOCIETY OF ALBANY, Mrs. Nelson Hopper & Mrs. F. Henry Galpin, Albany, New York, Theme: "African Violet Scrapbook," April 25, 26/70.

MOBY DICK AFRICAN VIOLET CLUB, Mr. & Mrs. Charles Pfeninger, New Bedford, Massachusetts, Theme: "Our Hobby," 4/25, 26/70.

DIXIE MOONBEAM CHAPTER OF THE AVS OF PANAMA CITY, Mrs. George S. Dailey, Panama City, Florida, Theme: "Sing Along With Violets," 5/2, 3/70.

VENTURA COUNTY AFRICAN VIOLET SOCIETY, Mr. David Dichter, Ventura, California, Theme: "An Oriental Fantasy of Violets," 4/18, 19/70.

AFRICAN VIOLET SOCIETY OF ROCHESTER, Mrs. Burton Jones, Rochester, N. Y., Theme: "Sing Me A Violet," 5/3/70.

TOWN & COUNTRY AFRICAN VIOLET SOCIETY, INC. Mrs. George Storrow & Mrs. Lewis Papp, Phillipsburg, New Jersey, Theme: "Winter Wonderland," 4/25, 26/70.

METROPOLITAN ST. LOUIS AFRICAN VIOLET SOCIETY, Mrs. Fred Tretter, St. Louis, Missouri, Theme: "Annual Violet Show Album," 5/2, 3/70.

TRI CITY AFRICAN VIOLET SOCIETY, Mrs. Glen Morrow, Piqua, Ohio, Theme: "Violet Steps To The Mall," May 7, 8, 9, 1/70.

NORTH SHORE AFRICAN VIOLET SOCIETY, Mrs. Gloria Rutmayer and Jean Johnson, Huntington, Long Island, Theme: "Violets From Manhattan to Montauk," 5/2, 3/70.

FIRST AFRICAN VIOLET STUDY CLUB OF ASHTABULA, Mrs. John Greener, Show Chairman, Ashtabula, Ohio, Theme: "Violets In Orbit," 4/30, 5/1/70.

AFRICAN VIOLET SOCIETY OF SAN FRANCISCO, Miss Edith V. Peterson, Show Chairman, San Francisco, California, Theme: "Anytime Is Violet Time," 5/16, 17/70.

Silver Bowls Are Awarded

Interest was keen in the AVSA Member Sweepstakes Award, an annual feature at AVSA conventions. Four silver bowls were awarded to the four AVSA members who won the most blue ribbons in specimen classes in shows sponsored by Affiliates during the preceding year.

Top winner was Mrs. Glenn B. Hudson of Westfield, N. J., who scored high with 112 blue ribbons. Mrs. Walter Hunt of Staten Island, N. Y., came in second with 103 blue ribbons. Third winner was Mrs. George Ilstrup of Des Moines, Iowa, with 77 blue ribbons with Mrs. Roy Weekes of Glendora, Calif., following with 69 blue ribbons.

SHARE YOUR EXPERIENCES

Share your experiences with other African violet growers. We learn from experience—ours and others. The story of your successes and your failures, too, may help a fellow violet grower to achieve more pleasure from his endeavors. So send in your articles—but keep 'em short. We'll print them when we have room for them.



Musings from the "Mini-Mam"

Mrs. Roy (Betty) Weekes
Chr. Miniature & Semi-Min. Class.
1356 E. Cypress
Glendora, Calif. 91740

Why, oh why does my miniature family insist on blooming so fully and beautifully in May when the last of the shows were over the first part of April? Just look at "Window Blue," a veritable shower of blue (and a little over its miniature size, too) and much prettier than when it won best in class at one of the shows I participate in. And "Bloomburst" with more than ten blossom stocks up and so covered with perky pink blooms you can hardly see the foliage. How aptly Lyndon Lyon named that one!

And surprise of surprises! "Edith's Toy" has decided at last to cooperate with me and has three blossom stocks up and not a sign of a sucker! I thought I had dug this one apart trying to get rid of all of those extra little plants, but I guess my determination won out for here it is looking like a "mighty mite" (wow, shouldn't use that term!) with those heavenly big blossoms. At first I thought it just had four petaled flowers, but no, here are some traditional five petaled ones.

Annalee's "Snow Bells" and Lyon's "Bee Bell" sit side by side and cause much comment from visitors. "Snow Bells" almost pure white on the outside with the fantasy insides and "Bee Bell" with its pale pink, hand-painted deeper inside color. They are precious and different looking.

I finally got a "Pink Bud" to bloom! I planted a few suckers off of the parent plant and some of them came up with nary a sign of a sucker. Wish I were enough of a scientist to know why, but I'm not going to question. Just enjoy, enjoy!

Wins Ribbon

I finally made a show with "Mingo" and won a blue ribbon on it, too. For two years straight it has grown beautifully and then just before show time has capriciously thrown a double crown. I'm a little bit excited about Kolb's "Fire Bugg." It grew up just like a little show plant should, trim and symmetrical, and when it started to bloom the two top petals seemed to be cut clear to the center, with the lower petals longer. The bloom is a heavenly red shade. Since then the blossoms are more often just normal star shaped, but don't sell

this little beauty short. A valuable addition to any collection. And speaking of stars, are you growing Lyon's "Snow In"? Don't let this one get by you. Pure white and a little double sometimes, but certainly one of the best new ones.

Well, this could go on and on but I do want to dwell a little bit on the AVSA Convention in Milwaukee slanted on the little ones naturally. There were over sixty of them and they were so lovely and orderly. Annalee's "Mini-Mignon," which is pure miniature all of the way, won best miniature, and a little dream it is with its shaded deep amethyst double stars with a little purple here and there and such a lovely shape. Lyon's "Snoopy" was the best semi-miniature and it was for sure with its symmetry and those big, big blossoms. One of the lately best to be sure.

"Mini Skirt"

Alice Richter handed me a magnificent little plant called "Mini Skirt" and said she hoped it would stay semi-miniature, but I noticed they list it as an extra small growing plant in their list. It has an extra double, extra large powder blue blossom and I'm going to grow it as well as I can and hope I can keep it in the miniature family. Let me know what you think too, for I have a feeling this may be one of the controversial ones.

When I said the miniature and semi-miniature classes in the Wisconsin convention show were orderly I meant that all seemed to be where they should have been—miniatures in miniature classes and semi-miniatures in their class. My whole committee felt very gratified when we found that the new list, just published for Convention, had been pretty thoroughly followed by the classification committee for the show. When you can see the results, that is the greatest! Incidentally, the new list is an enlargement over the first mimeographing, includes the list in the January AVSA magazine and still another list that didn't get in magazine printing. It is now available to any of you who will write to me and send the 75 cents required.

◆
Get new members. They add spice.

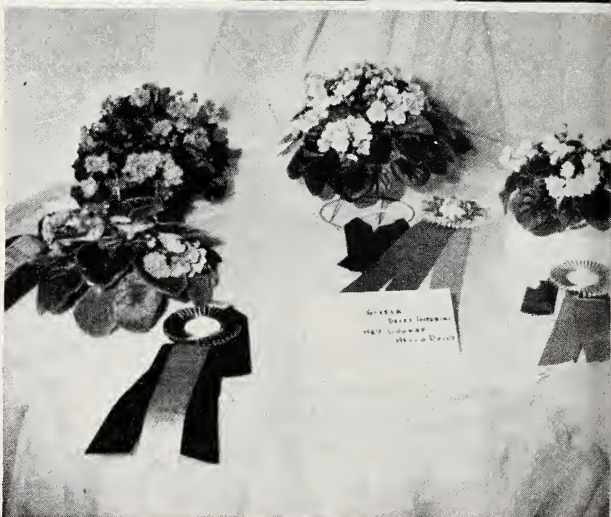
Chapter Chatter

The 20th anniversary of the **BORDER CITIES AFRICAN VIOLET CLUB** of Detroit, Mich., was the occasion for Anthony Newnham to capture best of show and best single blossom with "Maumee Vespers," take 15 blue ribbons and two red ribbons and win special awards for best double purple with his "After Dark," best double blue with "Glorious Maria" and best variegated foliage with "Green Confetti". Mrs. Ward Cherry won sweepstakes with 16 blue and two red ribbons in addition to best double pink, "Autumn Russet," best double white, "Snow Storm," and best variegated blossom, "Pecks of Pink." Mrs. Vera Mezdra's "Jolly Giant Sport" received the prize for the best novice.

The **NAUGATONIC AFRICAN VIOLET SOCIETY** of Shelton, Conn., and vicinity used "Memorabilia" as the theme of its 10th show. Winners were: Tri-Color and Queen of Show, "Oneida," First runner-up, "Blue Renegade," second runner-up, "Strawberry Shortcake," AVSA Gold Award, "Tommie Lou," "Delectable" and "Autumn Russet," first runner-up to sweepstakes and the President's Challenge award, "Lee," Mrs. Newell Mallette; sweepstakes, AVSA Purple Award "Alakazam," "Chateaugay" and "Blushing," second runner-up to Junior Queen, "Red Girl," also a special award for the theme. Mrs. Joseph Adams; Junior Queen "Cranberry Ice" to Mrs. Ernest Gorgens; first runner-up to Junior Queen "Pansy" and second runner-up to sweepstakes, Mrs. Julius Fargeot; Past President's Award for best artistic arrangement, special award for miniature arrangement, Mrs. Jean Campbell. Mrs. Lester Nettleton received a special award for educational table. Mrs. Lester Nettleton and Mrs. Joseph Adams were co-chairmen.

For three days **THE BAHAMAS AFRICAN VIOLET SOCIETY** manned a booth at the Kiwanis Agriculture & Horticulture Show in Nassau. The booth was lined with reed fencing and decorated on top with palmetto palms. On each side was a lighted African violet stand filled with plants which the members had grown and in addition there were two educational tables. One table was devoted to how to grow African violets from leaves and the other was filled with African Violet Magazines and other educational material. Posters advertising AVSA, how to make arrangements with African violets, etc., lined the walls. There was also a beautiful painting done by one of the members of her first African violet. Members spelled one another during the show hours giving information to the many who admired the plants. In the Kiwanis show there was a class for showing African violets and some of the members placed plants in this class which was judged by Ann Richardson of Florida. She said that she was most impressed with the improvement in the plants since the last time she judged this class. This club has been in existence only seven months and they are to be complimented on their progress.

Entries in only three shows and the Best in Show three times. That's the record of Mrs. John Cook of Falmouth, Mass., whose "Pure Innocence" was named queen of the **MOBY DICK AVC'S** spring show, her "Fairly Fire" was runnerup to queen, her 28 blue ribbons captured the sweepstakes award, and her "Pure Innocence," "Chanticleer" and "Oneida" won the Gold Rosette. She then went on to the **BAY STATE AFRICAN VIOLET SHOW** to win Best in Show, best jumbo, best semi-miniature and again the Gold Rosette. Other top winners at the **MOBY DICK** show were junior Queen, "Happy Hooligan," Mrs. Walter Monroe of New Bedford; runner up, "Rene Edmundston," Mrs. Peter Perkins of Mattapoisett; best miniature, "Tiny Rose," Mrs. Albert Jones of New Bedford;



WINNERS — Three men walked off with top honors at the annual show, "Alice in Violet-Land," of the African Violet Society of Miami, Fla. One was Harry Geller, (top photo) holding "Dominion Rose," one of the three plants with "Firebrand" and "Delft Imperial," which won the AVSA Gold Rosette for him. Lower photo shows, left to right, Mr. Geller's other winners, "Gisela," queen of show; "Delft Imperial," Opp. queen; "Hey Lookie," junior queen; "Hello Dolly," Opp. queen. He also captured the sweepstakes prize. Charles Jaros took best in artistic division with "Christmas With African Violets," the best unusual container and the special educational exhibit. Hank Philips won best in companion houseplants with "Juniper." Other winners were best arrangement and best miniature arrangement, Mrs. Charles Jaros; best double red, "Double Black Cherry," Mrs. James Steele; best gesneriad, "Butterball," Mrs. Lester Fladt.

best semi-mini, "Bambino," Mrs. Charles Pfeninger; Purple Rosette, "Ann Slocomb," "Big Bob" and "Shag," Mrs. Jones.

Mrs. Stephen Bekeny's entry, "Bold Lad" won queen of show and Mrs. Henry Loesch's "Carefree" was princess



TAKES AWARDS — Mrs. Karl C. Ohlson of Lynn, Mass., proudly displays two of her prize winning plants, "Pink Wing" and "Red Candle." Mrs. Ohlson seems to be a "born winner" having a dozen or more silver trophies and numerous rosettes and ribbons for her beautiful plants. She was also winner of the Flora Cart at the Boston convention. Mrs. Ohlson is a past president of the Judges Council of Massachusetts.



VIOLETS IN ORBIT — The First African Violet Study Club of Ashtabula chose as the theme of its spring show, "Violets in Orbit." In the picture, left to right, are Mrs. Frances Luce, president; Mrs. John Greener, show chairman, and Mrs. Harold Armstrong and her plant, "Autumn Russet," named queen of show.

at the 20th annual show, "Twenty Years with African Violets," held by the **CLEVELAND (OHIO) AVS**. Sweepstakes winners were Mrs. Loesch, Mrs. Charles Dautel and Mrs. Joseph Hodan. Mrs. Loesch's other plants winning awards were "Elfriede," "Gisela," "Creekside Moonbeam," "Firebird," "Chanticleer," and "Ophelia." Other winners were propagating table. Mrs. Stephen Fabian; best non-member, "Spic," Carol Dunn; best arrangement, Mrs. Carl Alcott; "Ivory Fashion," "Sweetheart Blue," and "Solitaire," Mrs. Dautel; "Forever White," and "Clipper," Mrs. Bekeny.

THE POMONA VALLEY AFRICAN VIOLET SOCIETY held its 17th annual show, using the theme, "Celebrate with Violets."

Mrs. Roy Weekes of Glendora was show chairman and Mrs. Alex Mueller of La Verne was cochairman. Awards were as follows: AVSA Gold and Purple Rosettes, Mrs. A. Kennedy Baird of Claremont and Mrs. Weekes; sweepstakes in horticultural and artistic classes, Queen of Show, best double-flowered and best single-flowered plants, California Hybridizers award, and club project, by Mrs. Baird; the best California-hybridized plant being "Lilac Dale," Everett Hammond of Fremont, the hybridizer; best miniature and best semi-miniature awards and the award for the best artistic planting, Mrs. Weekes; outstanding arrangement, Mrs. John Frank of Azusa; best theme arrangement, Mrs. Alex Mueller of La Verne; best theme art planting, Mrs. James Gambs of Malibu; best compact plant, Mrs. S. S. Taylor of La Verne and best novice award, Miss Dove Pokorny of La Verne.

THE AFRICAN VIOLET SOCIETY OF NEW JERSEY held its first judged show, "African Violets in Springtime," with Mrs. S. J. Bishop and Mrs. C. A. Wood of the Springfield, Pa., AVS as judges. Two awards were as follows: Queen of Show, "Rhapsodie Elfrieda" and smallest plant, "Double Take," Mrs. Brance Retkovis; princess, "Persian Swirl," runner-up, "Snows of Kilimanjaro" and largest plant, "Blue Modiste," Mrs. William Garrett.

A one-year membership in AVSA was presented Mrs. Ruth Riker for the best non-member plant at the **BERGEN COUNTY AVS'** 13th annual show, "Violet Pow Wow". Mrs. Charles Gramond won the AVSA Gold Rosette with "Tommie Lou," "Bloomin' Fool" and "Camille," queen of show with "Tommie Lou" and princess with "Lily Pad" and four other awards with "Fancy Pants," "Rhapsodie Claudia," and "Tommie Lou" and the gesneriads, "Mary Ann" and "Koellikena Erinades". Other winners were "Paul Bunyon," Theresa Doempke; "Window Blue," Fred Rombaugh; "Pert n' Pretty," Mrs. Carl Meister; sweepstakes, best arrangement, and New Jersey State Purple Rosette, "After Dark," "Rhapsodie Gisela," "Sea Grape," Mrs. Edward

W. Buschke; and sweepstakes runnerup, Mrs. Rolf Kummich.

Mrs. John Poulette won the AVSA Gold Rosette with "Remembrance," "Strawberry Shortcake" and "Morning Sky" at the **LEHIGH VALLEY AVS'** 8th annual show "The Magic of Spring," and also won best of show and runner-up with "Skyline" and "Elegance," best Tinari introduction, "Inca Maid," best variegated, "Morning Sky," sweepstakes and best of class sweepstakes. Sweepstakes runnerup was Mrs. George Suter, who also took three other awards with "Happy Fella Variegated," "Bit o' Luck" and "Startling." Other winners were "Bloomin' Fool," George Suter; "Columnea Early Bird," Mrs. Lewis Papp; "Navy Girl," Mrs. Norman Harner; best arrangement and best artistic planting, Mrs. David Maloney; best miniature arrangement, Mrs. Reubin Werley.

THE AFRICAN VIOLET CLUB OF GREATER KANSAS CITY chose the theme "African Violets in an Oriental Mood" for their (1970) 19th annual show. Mrs. Iva Curtis was show chairman, Donald Palmer won the best plant in the show with "Happy Times" and also had the runner-up with "Nobility". Other top awards included the AVSA gold award won by Mrs. Verda Sedlak with "Nite-shades," "Autumn Russet" and "Bloomin' Fool." The AVSA purple award was won by Winfred E. Albright with "Sweetheart Blue," "Savannah Sweetheart" and "Tommie Lou."

What a wonderful experience to watch a club be born. It's the **COPLAY INDOOR GARDEN CLUB**, of Coplay, Pa., the work of one person to gather a committee, and to enlist the cooperation of the Mayor and City Council, in promoting the club. The amazing thing to come out of this: one-third are men out of 36 members. The committee worked diligently to spread the word and purpose of the club: For the betterment of the community. There was wonderful response of the people, and all because of one person's love of plants which overcame all obstacles. Our hat's off to Mrs. George Storrow, 1121 Center St., Coplay, Pa. 18037.

The **AFRICAN VIOLET SOCIETY OF PHILADELPHIA** participated in "Heart Day" sponsored by Allen's Department Store in Germantown, Philadelphia, Pa. James Smith of the Philadelphia club set up the exhibit and also donated some beautiful large plants to the sale. Over \$100 was made on the plant sales and the proceeds donated to the Heart Fund. The chairman, Mrs. D. J. Grabosky, the president, Mrs. H. Nicholas Hansen, and 13 volunteers worked together to make Heart Day a success. The African Violet Society of Philadelphia is always ready to get involved whenever they can bring their club or the promotion of African violets to the attention of the general public.

ONE-SHOT FERTILIZER

By Maisie Yakie

P. O. Box 674

Port Arthur, Texas 77640

How many fertilizers have you tried, dear African violet grower? Ten? Fifty? Hundreds? Yep, me too. So it was with absolute joy that I read an article in *The Begonian* magazine concerning Mag Amp fertilizer. Finding it, was the first real problem. It is manufactured by R. Grace & Company, Davison Chemical Division, Baltimore, Maryland. My letter to them was forwarded to their distributor, who in turn kindly furnished me with literature and samples. These samples are now in process of being used on African violets and in a future issue we will report our findings of this more or less experimental growing.

MagAmp with K is described as a controlled release fertilizer. It incorporates in one product a new concept in fertilizers, that of controlling the release of plant nutrients in a safe manner to obtain maximum utilization of these nutrients by the growing plant. Temperature and bacterial action do not control the release of any elements in MagAmp. (This should be particularly interesting so far as temperature is concerned, for those of us who have had high summer temperatures cause the release of fertilizer that gave us the end result of fertilizer-burned plants.)

The release of plant nutrients phosphorus, nitrogen, potassium, and magnesium starts within eighteen hours after MagAmp is placed in the root zone with adequate moisture.

Balance Reached

When a balance is reached between the MagAmp granule and the soil solutions, no more nutrients will be released from the granule until the plant utilizes some of the nutrients. When this occurs an imbalance exists and more nutrients will go into solution reaching and maintaining 2% of saturation. With this 2 percent level no "fertilizer burn" will occur as long as adequate soil moisture is maintained. MagAmp resists leaching even during heavy rains (or heavy watering) because of its slow rate of solubility. The rate of release is controlled by particle size and solubility, thus MagAmp nutrients are available to the plant continuously. This gives a more efficient use of nutrients than regular fertilizers, according to the manufacturer, during heavy watering or rains since it does not leach out. MagAmp will not harm the soil even when repeated applications are used season after season. MagAmp will not change the soil pH. As with any fertilizer program the pH should be checked and corrected accordingly. There is no build up of salts in the soil.

Minor element deficiencies may occur with

the use of MagAmp. To avoid this, the manufacturer recommends that chelated iron be used either in the soil or as a foliar spray.

For the most efficient use MagAmp should be thoroughly mixed with the soil or growing media. It should not be placed on top of the soil in greenhouse pot plants as the particle is not in complete contact with the soil moisture and maximum solubility will not occur. MagAmp should not come into continuous contact with plant foliage as it will draw moisture from the leaves and cause discoloration. Soil can be steamed or chemically sterilized after adding MagAmp with no effect on the MagAmp particle or nutrient release. MagAmp will not cake in the bag when left stored for a long period of time.

Two Grades

There are two grades of MagAmp, medium and coarse granule. The medium will last twelve to twenty weeks in soils with heavy watering such as in greenhouses. The coarse will last considerably longer in the greenhouse—up to two growing seasons.

At the present time the manufacturer and distributor have had no actual experience with the use of this material on African violets. From their findings with floricultural pot plants such as poinsettias and chrysanthemums, it is felt that this material should give excellent results with African violets. The *Begonian* magazine article which we mentioned earlier was written by a professional gardener and strongly recommended this material for successful begonia culture.

If you wish to try this material it is recommended that you start with one teaspoon of MagAmp thoroughly mixed into the soil of a three-inch pot. We would like to suggest that for really good experimentation that you try various concentrations of MagAmp, increasing the amount used upward from this 1 tsp. to a three-inch pot of soil formula. It is anti-

pated that at some higher concentration of MagAmp we will find that some damage to the plant will result. This is one of the things the writer is attempting to learn. If you have had any experience using MagAmp in the growing of African violets please contact the writer, so that we may compile information on this material for a future issue of the African Violet Magazine.

Our Move To Florida

*By Mrs. Russell I. Yawger
10 Hibiscus Road - Belleair
Clearwater, Florida 33516*

For several years, my husband and I had been looking forward to retiring and spending our winters in Florida. As our plans developed, it seemed wiser to have our home in Florida and spend our summers in cooler locations. This meant a complete change in my violet growing. I had to leave behind, my pleasant associations with the Happy' Ours African Violet Society and the New Jersey Council of African Violet Clubs.

The basement of our New Jersey home had provided ideal growing conditions with temperatures never below 65° and never above 72° with just the right amount of humidity. Mildew and pests were never a problem. Now it would be necessary to reduce the number of my plants to one-third of their former number and face the problem of violet growing in a warmer climate.

I had been using Chiquita banana boxes to carry my plants to shows so I reserved space in the car trunk for two of them. For one box, my husband made a rack so I could have two layers of rooted clumps. In this box, I planned to pack about 60 rooted cuttings of my favorite varieties in individual pots. A dozen small plants in 2½" pots were set aside to be packed in the second box.

Given Drench

The day before moving, the plants were given a VC13 drench and thoroughly drained. They were then set in newspaper collars in the banana boxes and the covers put on. The holes in the boxes were large enough to provide good circulation.

Early in November we were all packed to move to Florida. The banana boxes shared the trunk with the suitcases we needed for the trip. In the back seat, we had my mother, age 86, our 13 year old Sheltie, a number of boxes of house-

plants, a camellia plant and a mimosa tree.

Our first night on the way proved to be very cold so we carried the plants into our Motel room. In the morning the temperature was 26° and the car was covered with ice. Resuming our trip was impossible until we had ran the motor long enough to thaw the ice on the windshield and to warm the trunk enough for the violets. The next night it was considerably warmer but we took the plants in anyway for safety's sake.

In Perfect Condition

On the third day we arrived at our Florida home with my violets in perfect condition. As you can well imagine, the violets were moved into the house before anything else.

As soon as we were settled, I called a member of the Upper Pinellas African Violet Society to arrange to attend a meeting. I found the members seriously interested in growing violets so I was happy to join the club.

In spite of moving and a delay in the arrival of a Floracart, my plants were awarded 13 blue ribbons from the 15 entries in the Upper Pinellas show in March. Now I am a regular participant in all the shows and have also entered my plants in the Dixie Convention Show.



PRIZE WINNING PLANTS—Mrs. Glenn Hudson (left) is shown with her prize winning plant, "Tommie Lou," and Mrs. Walter Hunt with "Ann Slocomb," both of which took top honors at the annual show, "African Violets Enter the World of Sports" of the African Violet Society of Staten Island. Mrs. Hudson also won the AVSA Gold Rosette with "Tommie Lou," "Double Black Cherry" and "Double Dee" first in New York State class with "Pink Riot," best terrarium arrangement and species plant award. Mrs. Hunt, who was show chairman, also won the AVSA Purple Rosette with "Bloomin' Fool," "Double Dee" and "Ann Slocomb."

Tissue and Honey Germination Discs

by Henry B. Kirkley
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Camden, N. J. 08104

I had made several attempts to get my niece, who lives on one of the islands of the West Indies, to begin raising African violets and other gesneriads from seed, and each time she had a complete failure. She got good germination but something happened when she tried to transplant or pot them. Probably it was the shock that killed them, I decided to try to solve the problem by by-passing that operation by planting the seed where I wanted the plants to grow.

Everyone knows that most gesneriad seed are very tiny, and are very easily dislocated by either wind or water. The seeds being so tiny and having to be planted so shallow, keeping the humidity high enough to germinate them is a problem.

The following article covers the idea that I finally came up with.

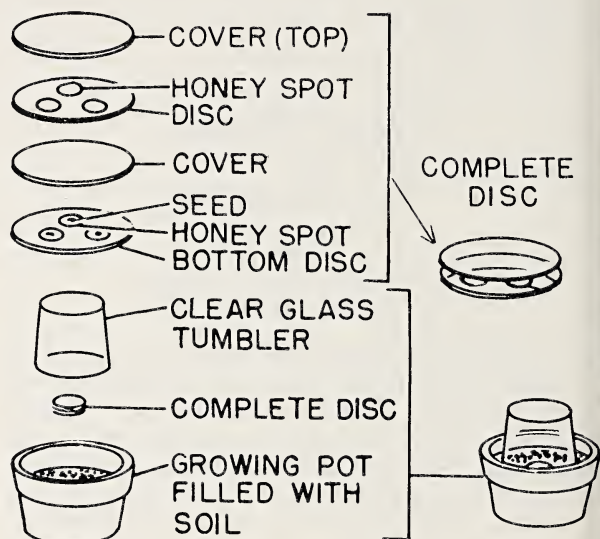
Take toilet paper, 2 ply preferably, cut into discs, squares, or blocks of about $\frac{3}{4}$ of an inch in dimensions. I folded the paper several times and punched out the discs, as I happen to have a $\frac{3}{4}$ inch hollow punch. Separate the 2 ply paper pieces, spread them out on a board or table of some kind, then with a stick with a flat end put 2 or 3 small dabs of honey or some other adhesive made from fruit juices, on one half of the discs. I use honey because, 1, I have on hand, 2, because it is one of nature's by products of plant propagation, it is water soluble in any state, and also I am certain that it is not toxic to my seed or plant.

On each dab of honey place one seed, make sure that it is only one seed, for if you get more than one plant per dab of honey you will sometimes find that you have a problem in separating the plants and leaving the best one that you want to grow. The one seed per dab of honey for the three dabs is insurance enough against germination failures.

Take the other ply of the paper, place over the seeds and dabs of honey, press down firmly, if the honey has penetrated the paper lift it up and then turn it over so it will dry without sticking to the board when dry.

You are now ready to plant, store, or mail the seeded discs.

To plant them fill the pot that you expect to grow the plant in, loosely level full of your favorite potting soil and draining materials. Wet the soil thoroughly, it will shrink down



to give you plenty of watering space at the top of the pot. Place one of the discs containing seed in the center of the pot on the wet soil. Do not cover the disc with soil, cover it with an inverted small clear glass tumbler. Place pot and all under lights, in a well lighted window, or a greenhouse, water as is needed without removing the tumbler. When plants get well started remove all plants but the best one that you want to grow, keep covered with tumbler until its leaf spread is about the size of a dime.

Notes of interest to the grower.

1. The toilet paper disintegrates—leaving not even a trace.
2. I use the flat end of a strike-anywhere match stick to apply the honey to the paper discs.
3. Pick up the seed and place them in the dabs of honey with a large sharp needle, just touch the needle point to your tongue then the seed, I use a watchmaker's eye loupe so that I get only one good looking seed to the dab of honey. You can select your seed with a loupe, pick only the fat ones and you will get healthy plants and almost 100% germination.
4. Use 4 inch or larger squatty pots for all gesneriads seedlings except *Sinningia pusilla*.

Relates Experiences from Dutch East Indies to The Netherlands

*By Mrs. C. M. Gruesdey
Rembrandtlaan, F-1
Maassluis, Netherlands*

I used to live in the tropics, first in the former Dutch East Indies (where I was born), and afterwards in Dutch New Guinea. The culture of African Violets in these countries was very easy. I always used a light soil with lots of chicken and horse manure mixed into it. Never used fertilizers. You put the pots in a spot out of direct sunlight and water them from the top and everything goes fine. I never had any pests. Sometimes one was lost from root or crown rot but only if the pot became water logged.

In New Guinea I found it best to keep the plants from spots where there was too much wind. In windy places they soon became infested with mealy bug. At that time I only had a dark blue and a bright light blue, both single. I saw my first one in 1937. They may have been imported earlier to the Indies but were not at all common and were difficult to get.

My first pink single and light blue double I got on a holiday to Holland in 1954, my first dark blue double in 1960. This illustrates clearly that African Violets are only available here in the most common varieties. They have nice plants in most florist shops but I believe most people only keep them while they are in bloom and then discard them as I seldom see them on window sills.

Joins AVSA

I joined A. V. S. A. but found most growers who advertised only shipped plants and not leaves. This is difficult and costly. I now get new varieties from Wick's in England.

They did not do well on a windowsill here with hot air heat so I moved them to a cooler bedroom and installed fluorescent lights. They are kept on fine gravel with water below. My lights are white ones mixed with Gro-lux.

My plants have done fine in the upstairs bedroom in winter but I found it was too hot in summer so I had an exhaust fan installed in the window plus an oscillating electric fan on the floor. That made a good improvement.

My soil has been peaty heavy soil sold here in plastic bags. I mix 3 parts of this soil with 1 part of coarse sand and one part peat, add some clipped sphagnum moss and charcoal which is sold in aquarium shops for filtering water. I always use clay pots. I had very poor results with plastic pots, probably because of

my heavy soil and frequent watering. I fertilize with "Bio", a British make, which is liquid and rich in nitrogen. Sometimes I use "Pokon" which is Dutch make and sold as a salt. They are sprayed once a month with "Barudine", Dutch made and effective against aphids.

No Good Species

As it is very difficult to get good species here, I collect whatever I can lay my hands on. I prefer boy type leaves and small growing plants. Dutch Customs are not too fussy about leaf imports but the soil is a problem on plant imports.

Until yesterday I did not believe in sterilized soil, but I found some white bugs and fear I have soil mealy bugs. This morning the whole house smells of baking soil.

It would be helpful to know the effective ingredients of some of the insecticides advertised in the A. V. magazine since we cannot get them here by their trade name, but might be able to get the chemicals.

I hope my experience may be of some interest and help to growers in other places.

Welcome, New Commercials

AVSA is delighted to welcome into membership nine new commercials. These new commercials are:

Baumann Garden Center

5015 Rockside Road, Cleveland, Ohio 44131

Dot's African Violets

794 Sand Hill Rd., Asheville, N. C. 28806

Bernard D. Greeson

3548 N. Cramer St., Milwaukee, Wisc. 53211

Mary-Ray Violets

Mr. and Mrs. Raymond Stewart

5007 Terry Dr., Alton, Illinois 62002

Mrs. Henry Slade

R.R. Willow Run, De Kalb, Illinois 60115

Flora Greenhouses, P. O. Box 1191, Burlingame, California.

W. A. Rhoads, 5852 Stow Canyon Road, Goleta, California 93017.

Arndt's Floral Garden

Mrs. Harry Arndt

20454 N. E. Sandy Blvd., Troutdale, Oregon 97060

West Coast Gesneriads

Mr. David C. Allen

2179 44th Ave., San Francisco, California 94116

Bylaws of the African Violet Society of America, Inc.

Organized November 8, 1946
Incorporated June 30, 1947

Adopted At Regular Annual Meeting
Philadelphia, Pa., May 13, 1950
As Amended Milwaukee, Wis., April 18, 1970

ARTICLE I

Name and Object Section 1

NAME: This society shall be known as the African Violet Society of America.

Section 2

SEAL: The corporate seal of the society shall be kept at the business office of the society.

Section 3

NON-PROFIT: This society shall be and exist as a non-profit organization.

Section 4

OBJECT: The object of the society shall be to afford a convenient and beneficial association of persons interested in the African violet (Saintpaulia); to stimulate a widespread interest in the propagation and culture of African violets; to promote ways and means for the distribution of all varieties and species among the members and others interested in growing them and to gather and publish reliable, practical information concerning this organization, the culture and propagation of the African violet, and other articles of interest to the members.

ARTICLE II

Membership and Dues Section 1

ELIGIBILITY: Any person interested in the growing of African violets shall be eligible to membership in this society.

Section 2

CLASSES: There shall be six (6) classes of membership in the society, namely:

- a. INDIVIDUAL: which shall be any one person.
- b. ASSOCIATE: which shall be any person living at the same address as a person having any other class of membership. An associate member shall not receive the society magazine or notices of meetings and bylaws amendments carried therein but shall have all other privileges of an individual member by paying half the dues required for individual membership.
- c. COMMERCIAL: which shall be all persons or firms who advertise consistently and/or sell one thousand (1,000) or more African violet plants or leaf cuttings annually or who manufacture or advertise for sale, fertilizer, disease and insect control materials, equipment, tools or any other merchandise pertaining to or applicable to growing African violets.
- d. SUSTAINING: which shall be those individuals or organizations interested in the objects of this Society and paying the Sustaining Membership fee.
- e. LIFE: which shall exempt such members from annual dues upon payment of the life membership fee.
- f. HONORARY LIFE: which shall be persons given a life membership by the society for outstanding services. They shall have all of the privileges of membership but shall be exempt from future payment of dues.

Section 3

AWARD MEMBERSHIPS: may be given by the Awards Committee with the approval of the executive committee provided not more than one (1) honorary life membership nor more than ten (10) yearly memberships may be awarded during any one (1) term.

Section 4

REVOKE: The Board of Directors may revoke any membership for just cause provided that refund shall be made to life members in the amount paid by them minus the accumulative sum for individual membership to date of revocation.

Section 5

DUES: The amount of dues for each membership shall be determined by vote of the Board of Directors provided that no increase shall exceed fifty percent (50%) of the amount paid in the current year, or be effective within twelve (12) months of any previous increase. Dues shall be payable in advance, to the treasurer of the society and shall cover the twelve (12) month period from the first day of March through the last day of February.

Section 6

MEMBERSHIP VOTE: Each paid to date membership shall entitle the holder to voice and vote in the business meetings of the society.

ARTICLE III

Affiliations and Charters Section 1

AFFILIATED CHAPTERS: Any group of persons interested in African violets may form a chapter and affiliate with the society upon payment of the fee set for such affiliation and in return they shall receive copies of publications which may be sent to any member of their choice: the Green, Blue, Gold, and Purple Rosette awards and other awards as may be determined by the Board of Directors in the future, and library service if desired.

Section 2

Groups of members and/or societies in one or more states or countries may affiliate as Councils, State Societies or Regional Group Societies upon payment of the fee set for such affiliation and shall be entitled to receive the Green, Blue, Gold, and Purple Rosette awards, library service, and the Silver Sweepstakes Bowl.

Section 3

JUDGES COUNCILS: Groups of judges from one or more states, districts, or areas may affiliate as Judges Councils upon payment of the fee set for such affiliation and in return they shall be entitled to the Green, Blue, Gold, and Purple Rosette awards, library service, and the Silver Sweepstakes Bowl.

Section 4

CHARTERS: shall be issued to all affiliated groups upon registering the name of the group with the Affiliate Chairman. A president's card is available to those groups who supply the name and address of the group president.

Section 5

VOTING STATUS: Affiliated groups as such shall have

no voice or vote in the society business meetings and no member of a group may use the group's affiliation for individual membership privileges.

Section 6

REVOKE: The Board of Directors may revoke any charter for just cause, but no individual member shall lose membership because of the loss of the group charter.

ARTICLE IV

Meetings and Quorum

Section 1

ANNUAL MEETINGS: shall be held at the convention which shall be held at such time and place each year as the Board of Directors shall determine.

Section 2

SPECIAL MEETINGS: may be called by the Board of Directors or the president and two (2) other elected officers.

Section 3

QUORUM: at any of the society meetings shall be fifty (50) individual members each of whom must be able to produce a paid to date membership card.

Section 4

QUORUM: at any meeting of the Board of Directors shall be ten (10) members of the Board.

ARTICLE V

Officers and Their Duties

Section 1

ELECTIVE OFFICERS: The elected officers of this society shall be:

- a. **PRESIDENT:** who shall have general superintendency of the affairs of the society; preside at meetings of the society, Board of Directors, and executive committee; keep informed on all work of the society and make reports thereon as may be required; appoint committee chairmen; fill all vacancies in offices and committees during the term; countersign checks drawn on the treasury; be a member ex-officio of all committees except the nominating; and assume other duties necessary in the best interest of the society.
- b. **FIRST VICE PRESIDENT:** who shall preside at meetings in the absence of the president or when called upon; countersign checks when the president or treasurer cannot sign; and perform other duties as assigned.
- c. **SECOND VICE PRESIDENT:** who shall preside at meetings in the absence of the president and first vice president or when called upon; and perform other duties as assigned.
- d. **THIRD VICE PRESIDENT:** who shall preside at meetings in the absence of the president, first and second vice presidents or when called upon, and perform other duties as assigned.
- e. **SECRETARY:** who shall be responsible for keeping accurate records of the meetings of the society, Board of Directors, and executive committee; and assume other duties relative to the office or that may be assigned.
- f. **TREASURER:** who shall be responsible for the safe keeping of the society funds and payment of bills by checks signed by two (2) of the three officers recognized by the banks to sign checks; keep an accurate book record of all monies received and disbursed; render financial reports as the Board of Directors may require; and help prepare the annual budget in detail. He shall be bonded in an amount set by the Board of Directors

and shall submit all records related to the treasury for audit annually by a Certified Public Accountant selected by the executive committee. The cost of both audit and bond shall be included in the budget and be paid by the society. The Certified Public Accountant's report shall be sent to the members of the Board in advance of each annual meeting.

Section 2

DIRECTORS: There shall be fifteen (15) directors elected from the membership-at-large, one (1) of which shall be a resident of the Dominion of Canada. They shall be elected to serve terms of three (3) years each, five (5) being elected each year.

Section 3

PARLIAMENTARIAN: A parliamentarian may be appointed by the president to serve at the annual meeting, or for the entire term, remuneration to be decided by the Board of Directors.

ARTICLE VI

Nominations and Elections

Section 1

ELIGIBILITY: To be eligible to hold office in this society a nominee must be a member in good standing and have served at least one (1) year as a member of the Board of Directors.

Section 2

TERMS OF OFFICE: The terms of officers shall be one (1) year or until their successors are elected and each term shall begin at the conclusion of the annual convention at which they are elected excepting that of the directors, which shall be governed by Section 2, of Article V. No elected officer shall serve more than two (2) consecutive terms in the same office excepting the treasurer whose terms may be unlimited and the directors who shall not succeed themselves.

Section 3

NOMINATIONS: shall be offered as follows:

- a. By a nominating committee.
- b. From the floor, the nominees being present.

Section 4

ELECTIONS: shall be by ballot excepting when there is only one (1) name in nomination for an office, in which case the secretary may cast the ballot or it may be dispensed with in favor of viva voce voting.

ARTICLE VII

Administration and Management

Section 1

The Board of Directors shall consist of elected officers, the fifteen (15) directors, the immediate past president, and the chairmen of standing committees. This Board shall:

- a. Manage the society affairs between annual meetings.
- b. Have the same officers as those elected by the society.
- c. Meet regularly immediately before and after the annual convention of the society. Special meetings may be called by the president or upon request of the executive committee.
- d. Set the policies of the society and make their own standing rules provided they do not conflict with the bylaws of the society.
- e. Appoint an editor of publications, who shall be responsible for the preparation and issuance of all publications authorized by the Board of Directors.

- f. Submit the minutes of all meetings of the Board of Directors for publication in one of the first two African Violet Magazine issues following the convention.

Section 2

THE EXECUTIVE COMMITTEE: shall consist of the elected officers and they shall have the authority to conduct any necessary business of the society during the interim between meetings of the Board of Directors.

Section 3

EXECUTIVE PERSONNEL: An executive director may be selected and appointed by such procedure as deemed advisable by the Board of Directors. The salary of such person and any additional employees necessary for the management of the society shall be set by the Board of Directors who shall also have the power to remove any salaried employee. The authority to employ and the power to remove subordinate personnel may be delegated by the Board of Directors to the executive committee or executive director.

Section 4

INDEBTEDNESS: The officers, executive committee, Board of Directors, or anyone delegated by them shall not incur any debt or liability in the name of the society beyond the available or maturing funds in the treasury, excluding any monies or securities held for specific purposes.

Section 5

INVESTMENTS: All monies received for life membership dues shall be invested by the treasurer as directed by the Board of Directors. The interest accruing therefrom shall be used to provide for subscriptions each year at the rate of one-half the regular subscription price, for each Life member and for each Honorary Life member.

Section 6

BONDS: All society officers, committee chairmen, members and employees handling society funds, shall be bonded in a blanket bond, the cost of same to be paid by the society.

ARTICLE VIII

Committees

Section 1

STANDING COMMITTEES: shall not exceed fifteen (15) in number including Affiliate, Awards, Boyce Edens Research Fund, Commercial Activities, Commercial Sales and Exhibits, Convention Program, Convention Time and Place, Finance, Library, Membership and Promotion, Nominating, Plant Registration, Publications, Research, Shows and Judges. These committees shall perform duties as specified in the bylaws, standing rules, and as ordered by the Board of Directors.

- a. **THE FINANCE COMMITTEE:** shall prepare a budget in detail for guidance during the ensuing

year. A sum shall be included in the budget to cover reasonable traveling expenses of officers and committee chairmen while engaged in travel on essential business of the society when authorized by the President. To be effective the budget must be approved by the Board of Directors.

- b. **BOYCE EDENS RESEARCH FUND COMMITTEE:** shall collect the Boyce Edens Research Fund contributions and remit same to the treasurer, who shall maintain this fund in a separate account to be used for research funds.
- c. **THE NOMINATING COMMITTEE:** shall consist of five (5) members who shall be appointed by the president with the approval of the Board of Directors. Three (3) members of this committee shall serve terms of three (3) years each, one (1) being appointed each year and the remaining two (2) shall be past presidents of the society who may serve an unlimited number of years but the appointment of which shall be annually. This committee shall select one (1) nominee (from a list of those having served at least one (1) year on the Board of Directors) for each office to be filled; and the names selected shall be submitted to the president (after confirming that they will serve if elected) in ample time to notify the membership by mail or through the magazine at least thirty (30) days in advance of the annual convention date.

Section 2

SPECIAL COMMITTEES: may be appointed by the president during the term, with the approval of the executive committee, which may be obtained by mail.

ARTICLE IX

Parliamentary Authority

Section 1

ROBERT'S RULES OF ORDER NEWLY REVISED: shall be the parliamentary authority on all questions not covered in these bylaws.

ARTICLE X

Section 1

AMEND: These bylaws may be amended at any meeting of this society provided: the amendments have been sent to each member of the society except associate members at least thirty (30) days prior to the meeting date; and they have been approved by at least a two-thirds (2/3) vote of the Board of Directors.

Section 2

REVISED: These bylaws may be revised in the same manner as amended excepting that a revision must be ordered by a two-thirds (2/3) vote of the Board of Directors or by the assembly at a regular convention meeting of the society.

APPLICATION FOR LIFETIME JUDGE'S QUESTIONS

Judges desiring to apply for Lifetime Judge's Certificates and those required to answer the review questions for the second and third consecutive years are asked to fill in the following blank, enclose \$1.00 for a set of questions, and mail to Mrs. James B. Carey, 3900 Garden Drive, Knoxville, Tenn. 37918. Answers to questions must be received by November 1, 1970.

Name Address
City State Zip Code

Judges and Teachers of the African Violet Society of America, Inc.

* indicates Lifetime Judges

*† indicates both

† indicates Teachers

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 Mrs. J. Wallace Reitz, 4205 Eichelberger, St. Louis 16, Missouri 63116
 Mrs. F. H. Rieber, 2517 So. River Rd., St. Charles, Missouri
 Mr. Milton V. Sedlak, 6454 College, Kansas City, Missouri 64133
 Mrs. Verda Sedlak, 7208 Eastern, Kansas City, Missouri 64133
 *Mrs. Fred Tretter, 4988 Schollmeyer, St. Louis, Missouri 63109
 Mrs. Floretta A. Willets, 6115-A Pershing Ave., St. Louis, Missouri 63112
 Miss Nancy D. Willets, 6115-A Pershing Ave., St. Louis, Missouri 63112

NEVADA

Mrs. D. W. Robinson, 3687 Tioga Way, Las Vegas, Nevada 89109

NEW HAMPSHIRE

Mrs. Morrill A. Paul, 321 Winnacunnet Rd., Hampton, New Hampshire 03842

NEW JERSEY

Harold G. Black, Box 127, Allentown Rd., Robbinsville, New Jersey 08691
 Mr. J. Fred Brenner, 2878 Lincoln Hwy., No. Brunswick, New Jersey 08902
 Mrs. J. Fred Brenner, 2878 Lincoln Hwy. No. Brunswick, New Jersey 08902
 †Mr. Edward J. Burns, 330 Jordan Rd., New Milford, New Jersey 07646
 *Mrs. Edward J. Burns, 330 Jordan Rd., New Milford, New Jersey 07646
 Mrs. Edward W. Buschke, 90 Woodside Ave., Hasbrouck Heights, New Jersey 07604
 Mrs. Orville Carkhuff, 101 W. Prospect St., Hopewell, New Jersey 08525
 *Mrs. Eleanor Cramond, 115 Elmwood Ave., Bogota, New Jersey 07603
 Mrs. Mary Drescher, 1805 Melville St., Mounted Rt., Asbury Park, New Jersey 07712
 *†Mrs. Robert Hamilton, 675 Soldier Hill Rd., Oradell, New Jersey 07649
 Mrs. Edward W. Hemmer, 23 Fulton St., Bloomfield, New Jersey 07003
 Mr. Glenn B. Hudson, 761 Belvidere Ave., Westfield, New Jersey 07090
 *Mrs. Glenn B. Hudson, 761 Belvidere Ave., Westfield, New Jersey 07090
 Mrs. Charles Hyer, 254 Weber Ave., Trenton, New Jersey 08638
 Mrs. Forrest Kelley, 67 Maplewood Circle, Bricktown, New Jersey 08723
 Mrs. Rhoby Lear, 2307 Columbia Ave., Prospect Heights, Trenton, New Jersey 08638
 *Mrs. Walter Minschwaner, 86 Woodland Ave., Trenton, New Jersey 08638
 Mrs. H. Oldenburg, 187 Easy St., Edison, New Jersey 08817
 Mrs. Ethel Palmer, 71 Portland Pl., Montclair, New Jersey 07042
 Mrs. R. A. Ruck, 380 Lincoln Ave., Hawthorne, New Jersey 07506
 *Mr. Wilbur N. Skillman, 7 Spruce St., Toms River, New Jersey 08753
 Mrs. Lillian Swem, 13 Stamford Rd., Trenton, New Jersey 08619
 Miss Angela V. Zyal, 725-166 Joralemon St., Belleville, New Jersey 07109

NEW MEXICO

Mrs. J. A. Ozmina, 1012 Parsifal, N.E., Albuquerque, New Mexico 87112
 Mrs. Charles H. Staat, 1701 Kentucky St. N.E., Albuquerque, New Mexico 87110
 Mrs. James N. Tallant, 4305 Cobbleston Rd. N.E., Albuquerque, New Mexico 87109

NEW YORK

Mrs. Catherine B. Anschutz, RFD No. 2, % H. W. Cox, Addison, New York 14801
 Elizabeth Astle, 43-34 Burling St., Flushing, New York 11355
 Mrs. Ralston Bardeen, 4 Andrews Ave., Binghamton, New York 13904
 Mrs. D. H. Bateman, 345 8th Ave., 15 F, New York, N. Y. 10001
 †Mrs. Frank E. Bell, 246 2nd Ave., Troy, New York 12180
 Mr. Stewart Bobbett, 214 Brampton Road, Syracuse, New York 13205
 †Mrs. Sidney Bogin, 39 Boyd St., Long Beach, L. I., New York 11561
 Mrs. Morrison J. Brounn, 138-22 78th Ave., Flushing, New York 11367
 *Mrs. Violet Carey, 161 Sixth Ave., Troy, New York 12180
 *Mrs. Duane L. Champion, Rt. 2, Clay, New York 13041
 Mrs. Edith E. Coleman, 16 Kevin Dr., Rt. 2, Burnt Hills, New York 12027
 Mrs. John A. Daly, 29-49 137th, Apt. 4-J, Flushing, New York 11354
 Mrs. Raymond Dooley, 33 Collfield Ave., Staten Island, New York 10302
 Mr. Raymond Dooley, Jr., 33 Collfield Ave., Staten Island, New York 10302
 Miss Leila M. Egenites, 29-50 214th Place, Bayside, New York 11360
 Dennis R. Fallon, 41-43 43rd St., Apt. A-1, Long Island City, New York 11104
 *Helen Fallon, 41-43 43rd St., Apt. A-1, Long Island City, New York 11104
 *Mrs. Edith L. Gajeway, 465 Brunswick Rd., Troy, New York 12180
 *Mrs. F. Henry Galpin, 115 Fairlawn Ave., Albany, New York 12203
 Mrs. J. J. Galvanek, 87 E. Dover St., Valley Stream, L.I., New York 11580
 Mrs. Wade Gregory, Rt. 1, Cortland, New York 13045
 Mrs. Sophia Greives, 101-37 123rd St., Richmond Hill, New York 11419
 Walter Hunt, 15 Rochelle Pl. - Eltingville, Staten Island, New York 10312
 Mrs. Walter Hunt, 15 Rochelle Pl., Eltingville, Staten Island, New York 10312
 Mrs. Arthur M. Hutchins, 624 Utica Rd., Utica, New York 13502
 Mrs. Burton C. Jones 199 Mill Rd., Rochester, New York 14626
 *Mrs. Estelle Kienzle, 68 Bayview Ave., Staten Island, New York 10309
 *Mrs. Elsa Kiepert, 715 W. Dominick St., Rome, New York 13440
 *Mrs. Floyd D. Marvin, Rt. 2, Marvin Rd., Port Byron, New York 13140
 Mr. Herbert Marvin, Box 18, Maple St., Blodgett Mills, New York 13738
 Mrs. Herbert D. Marvin, Box 18, Maple St., Boldgett Mills, New York 13738
 Mrs. Eleanor McCaskill, 41 Charles, Cortland, New York 13045
 *Mrs. Nelson J. McMahon, 3609 South Creek Rd., Hamburg, New York 14075
 *†Mrs. James W. Minehan, 29 Circuit Dr., Binghamton, New York 13903

Mrs. Raymond Moffatt, 24 Arlington St., Melville, L.I., New York 11746
 Mrs. Anna Myszka, 97-05 69th Ave., Forest Hills, New York 11375
 Albert Newkirk, Box 203, Ilion, New York 13357
 Mrs. Frederick W. Oswald, 5 Euston Rd., Garden City, New York 11530
 Mrs. William Otten, 46-25 247th St., Douglaston, New York 11363
 Mrs. Marion Patton, Rt. 3, Box 156, Troy, New York 12180

*Mr. Harold Rienhardt, 4463 W. Seneca Tpk., Rt. 2, Syracuse, New York 13215

*†Mrs. Harold Rienhardt, 4463 W. Seneca Tpk., Rt. 2, Syracuse, New York 13215
 Mr. Lawrence E. Rosenfeld, 78-32 Main St., Flushing, New York 11367
 Mrs. Martha S. Rosenfeld, 78-32 Main St., Flushing, New York 11367
 Mrs. Kathryn Rotando, 131 Taft Ave., Long Beach, New York 11561
 Mrs. Besse Rudebush, 60 111th St., Troy, New York 12182

*Mr. Harold D. Schmelling, 5133 Peck Hill Rd., Rt. 1, Jamesville, New York 13078

*Mrs. Harold D. Schmelling, 5133 Peck Hill Rd., Rt. 1, Jamesville, New York 13078

Mrs. Robert I. Slocomb, 30 Inglewood Dr., Rochester, New York 14619

*Mrs. Sidney D. Smith, 916 Nottingham Rd., Jamesville, New York 13078

Mrs. Clarence R. Somers, 3241 Page Green Rd., Rt. 2, Cortland, New York 13045

Mrs. William Strobach, 6508 Amboy Rd., Staten Island, New York 10309

Mrs. Raymond Sullivan, Rd. 1, Box 132, Southold, L.I., New York 11971

Mr. Jimmy Watson, 1361 Madison Ave., Apt 2-AA, New York, New York 10028

Mrs. Michael Welky, Rt. 1, Box 81, River Rd., Port Jervis, New York 12771

*Mrs. Nelson L. Wheaton, 22 Riverton Ave., Hamburg, New York 14075

Mrs. Lester E. Wood, 150 Willowbrook Rd., Staten Island, New York 10302

NORTH CAROLINA

*Mrs. Eugene S. Benton, Bellwood Lane, Rt. 1, Matthews, North Carolina 28105

*†Mrs. R. R. Blackburn, 404 Montlieu Ave., High Point, North Carolina 27262

OHIO

Mrs. Thelma Beveridge, 255 Kryder Ave., Akron, Ohio 44305

†Mrs. Henry Bircher, 7666 Bentler Rd., N.E., Canton, Ohio 44721

Mrs. Glen H. Clark, 6895 N. State Rt. 48, Covington, Ohio 45318

Mrs. Carl Cornuelle, 1218 Meriweather Ave., Cincinnati, Ohio 45208

Mrs. Charles G. Crawford, 4225 Indian Rd., Toledo, Ohio 43606

Mrs. Charles R. Davis, 340 Beech Grove Rd., Bucyrus, Ohio 44820

Mrs. Lula I. Fleming, Tremainsville 2618, Wernert Sta., Box 5628, Toledo, Ohio 43613

Mrs. M. E. Garner, 4817 Cleveland Ave. N.W., Canton, Ohio 44709

Mrs. Norman Germane, S.O.M. Center Rd., Willoughby Hills, Ohio 44094

Mrs. Carter H. Grinstead, 1864 Berkshire Road, Columbus, Ohio 43221

Mrs. Edna Green, 936 S. Wise St., N. Canton, Ohio 44720

Mrs. Carl Haglund, 3059 Windsor Pl., S.W., Canton, Ohio 44710

Mrs. Catherine Hawley, 45 Forest Dr., Painesville, Ohio 44077

Mrs. Clarence Kuder, 268 S. Summit, Bowling Green, Ohio 43402

Mr. Thomas LaBoda, 8629 Ranch Dr., Chesterland, Ohio 44026

Mrs. Elmer C. Lusk, 1173 Oakland Ave., Columbus, Ohio 43212

Mrs. Carl W. Meyer, R. R. 1, Box 5, Greenville, Ohio 45331

Mrs. Ray O'Donnell, 2346 Brookwood Rd., Columbus, Ohio 43209

Mrs. Frank Pochurek, 12340 Rt. 44, Mantua, Ohio 44255

Mrs. Herbert Robinson, 1219 Ivy St. N.W., N. Canton, Ohio 44720

Mrs. John Slivka, 403 George St., Fayette, Ohio 43521

Mrs. Leroy Tucker, 2812 N. Star Ave., Columbus, Ohio 43221

Mrs. Dolores Vavruska, 7590 Sunrise Oval, Parma, Ohio 44134

Mrs. Jack Westfall, 823 S. Mulberry St., Troy, Ohio 45373

OKLAHOMA

*Mrs. Curtis F. Crim, 1605 NE 67th, Oklahoma City, Oklahoma 73111

OREGON

*†Mrs. L. R. Hendershott, 20055 SW Clarion, Aloha, Oregon 98005

Mrs. Ray Hickam, 2367 N.W. Kearney St., Portland, Oregon 97210

Mrs. G. E. Kephart, 6609 S.W. Garden Home Rd., Portland, Oregon 97223

Mrs. Hayes D. Kirkland, 940 SE River Forest Rd., Milwaukie, Oregon 97222

Mrs. Robert Shute, 1790 S.W. 187th, Aloha, Oregon 97005

Mrs. Laurence F. Skene, Rt. 3, Box 550, Dundee, Oregon 97115

Mrs. Hazel Swanson, 11689 S.W. Lancaster, Portland, Oregon 97219

PENNSYLVANIA

Mrs. Reginald Beauchamp, 6910 Henley St., Philadelphia, Pennsylvania 19119

Mrs. S. J. Bishop, 345 Powell Rd., Springfield, Pennsylvania 19064

Mrs. H. N. Hansen, 708 Wyndale Rd., Jenkintown, Pennsylvania 19046

Mrs. M. C. Hinebaugh, Jr., 411 Lancaster Ave., Haverford, Pennsylvania 19041

Miss Elsie Louise Jones, 7200 Cresheim Rd., Apt. C-5, Philadelphia, Pennsylvania 19119

Mrs. Kenneth H. Lloyd, 3716 Huey Ave., Drexel Hill, Pennsylvania 19026

Mrs. James Mansfield, 1314 E. Washington Lane, Philadelphia, Pennsylvania 19138

†Mr. Richard T. Meyers, 140 Lorraine Ave., Oreland, Pennsylvania 19075

†Mrs. Richard T. Meyers, 140 Lorraine Ave., Oreland, Pennsylvania 19075

George & Estella McDade, P. O. Box 236, Pt. Pleasant, Pennsylvania 18950

Mrs. Christine B. Moyes, River Road, Yardley, Pennsylvania 19067

Judy Ostheimer, 704 Cottage Rd., Glenside, Pennsylvania 19038

Mr. John J. Paul, Sr., 36 S. 7th St., Easton, Pennsylvania 18042

Mrs. John J. Paul, 36 S. 7th St., Easton, Pennsylvania 18042

Mrs. Helen P. Rolph, 7207 Gresheim Rd., Philadelphia, Pennsylvania 19119

Mr. Sam W. Rolph, Jr., 7207 Gresheim Rd., Philadelphia, Pennsylvania 19119

Mrs. Frank Shrey, Jr., 7512 Boyer St., Philadelphia, Pennsylvania 19119
 Mr. James B. Smith, 2448 Avondale Ave., Roslyn, Pennsylvania 19001
 Mrs. Sylvia Steinkirchner, West Afton Ave., Yardley, Pennsylvania 19068
 Mrs. George Storrow, 1121 Center St., Coplay, Pennsylvania 18037
 *†Mrs. Anne Tinari, 2325 Valley Rd., Huntingdon Valley, Pennsylvania 19006
 †Mrs. Edwin A. Wolf, 4811 Walnut, Philadelphia, Pennsylvania 19139
 Mrs. Charles A. Wood, 2301 Grasslyn Ave., Havertown, Pennsylvania 19083

RHODE ISLAND

Miss Eileen Paco, 33 Rice Ave, East Providence, Rhode Island 02914
 Mrs. Olivia Do Paco, 33 Rice Ave., East Providence, Rhode Island 02914

TENNESSEE

*†Mrs. James B. Carey, 3900 Garden Dr., Knoxville, Tennessee 37918
 Mrs. J. T. Cotton, Jr., 228 Tall Oaks Dr., Knoxville, Tennessee 37920
 Mrs. Marvin C. Lutz, 4401 St. Elmo Ave., Chattanooga, Tennessee 37409
 Mrs. K. B. Everly, 3809 Nolensville Rd., Nashville, Tennessee 37211
 *Mrs. Paul O. Gillespie, Sr., 5201 St. Elmo Ave., Chattanooga, Tennessee 37409
 W. M. Hale, P. O. Box 176, Cleveland, Tennessee 37311

TEXAS

Mrs. Charles M. Berry, 3801 Shelby Dr., Fort Worth, Texas 76109
 Mrs. Roy C. Basham, 3720 Wayland Dr., Fort Worth, Texas 76133
 Mrs. V. L. Conrad, 1807 Corona Dr., Austin, Texas 78723
 Mrs. R. T. Davis, 2818 Rio Grande, Austin, Texas 78705
 *†Charles C. Day, 220 W. Sunset Road, San Antonio, Texas 78209
 Mrs. W. I. Franke, 2116 West Summit, San Antonio, Texas 78201
 Mrs. Charles R. Gower, 4311 Wynnwood Dr., Wichita Falls, Texas 76308
 Mrs. C. Hugh Heard, 6023 E. University Blvd., No. 104, Dallas, Texas 75206
 Mrs. George L. Keen, Jr., 2705 Colonial Parkway, Fort Worth, Texas 76109
 Mrs. Terrance R. Leary, 438 Brady Lane, Austin, Texas 78746
 Mrs. W. L. Meier, 406 Vale St., Austin, Texas 78746
 Mrs. Hattie Lou Mims, 1900 W. St. John's Ave., Austin, Texas 78757
 Mrs. J. R. Millikan, 640 N. Manus Dr., Dallas, Texas 75224
 Mrs. Christine Osborn, 3601-A So. University Dr., Fort Worth, Texas 76109
 Mrs. O. G. Pierson, 5629 Westcreek Dr., Fort Worth, Texas 76133
 Mrs. R. L. Pritchett, 1206 Castle Hill, Austin, Texas 78703
 Mrs. W. J. Ritmanich, 3908 Weyburn Dr., Fort Worth, Texas 76109
 Mrs. George W. Street, 1411 W. Illinois Ave., Dallas, Texas 75224
 Mrs. Dorothy R. Stubbs, 6723 Mimosa Lane, Dallas, Texas 75230
 Mrs. David L. Thompson, Rt. 1, Box 46-A, Round Rock, Texas 78664
 Mrs. R. B. Watson, 7230 Westlake, Dallas, Texas 75214

Mrs. T. L. Wheeler, 1015 Plymouth Rd., Dallas, Texas 75208

UTAH

Mrs. Irene Dunlap, 624 Redondo Ave., Salt Lake City, Utah 84105
 Mrs. John H. Jones, 1786 Millcreek Way, Salt Lake City, Utah 84106
 Mrs. Twila Naylor, 3384 Oakwood St., Salt Lake City, Utah 84109
 Mrs. Robert M. Savage, 3822 S 2860 E, Salt Lake City, Utah 84109
 Mrs. Ethel Stobaugh, Box 627, Vernal, Utah 84078

VIRGINIA

Mrs. John L. Adams, 1406 Confederate Ave., Richmond, Virginia 23227
 Mrs. Mary A. Boland, 6415 Wilcox Court, Alexandria, Virginia 22310
 Alma Brown, 9603 University Blvd., Richmond, Virginia 23229
 Mrs. Madge K. Caldwell, 3908 Wythe Ave., Richmond, Virginia 23221
 Mrs. Nelson Charlton, 3500 Lynnwood Dr., Virginia Beach, Virginia 23452
 Mrs. W. B. Childress, 11301 Wimberly Dr., Richmond, Virginia 23229
 Mrs. Alberta Lee Cooke, 1930 Kennedy Dr., Apt. T-1, McLean, Virginia 22101
 Mrs. B. S. Cooke, 318 Roseneath Rd., Richmond, Virginia 23221
 Mrs. Curtis W. Diggs, 3092 Yeates Lane, Virginia Beach, Virginia 23452
 Mrs. C. Ray Doggett, 5309 Windingbrook Road, Richmond, Virginia 23230
 Mrs. A. G. Donaldson, 5225 Monument Ave., Richmond, Virginia 23226
 Mrs. Ralph E. Gill, 7306 Franklin Road, Annandale, Virginia 22003
 Mrs. J. T. Lumley, 511 Rhode Island Ave., Norfolk, Virginia 23508
 *†Mrs. Thomas B. McKneely, 6135 Tompkins Dr., McLean, Virginia 22101
 Mrs. Chatham M. Melchior, 115 St. Andrews Dr., NE, Vienna, Virginia 22180
 Mrs. Edith M. Middleton, 3512 Essex Circle, Norfolk, Virginia 23513
 Erma T. Mott, Rt. 4, Box 4217, Virginia Beach, Virginia 23457
 Mrs. Randolph W. Nuchols, 3223 Kensington Ave., Richmond, Virginia 23221
 Opal L. Nuyanes, 12808 Thompson Rd., Fairfax, Virginia 22030
 Mrs. W. O. Plymale, Glen Allen, Virginia 23060
 *Mrs. Ruth Ward Sadler, 6207 Powhatan Ave., Norfolk, Virginia 23508
 Mrs. Carl Salland, 1625 Wildwood Road, Virginia Beach, Virginia 23454
 Mrs. Christine T. Schultz, 3464 Northview Pl., Richmond, Virginia 23225
 Mrs. Stanley E. Skelton, 3910 Larchwood Rd., Falls Church, Virginia 22041
 Mrs. D. J. Stradling, 6205 Early Dr., Mechanicsville, Virginia 23111
 Mr. T. Robert Valliant, 1410 Homeric Ct., McLean, Virginia 22101
 Mrs. Larry L. White, 260 Lavalette Ave., Norfolk, Virginia 23504

WASHINGTON

Mrs. Marie Eaton, 9224 37th Ave. South, Seattle, Washington 98118
 Mrs. Marlin Freter, 1118 23rd Ave., Longview, Washington 98632
 *Mrs. Helen M. Fulmer, 9411 - 38th Ave., S., Seattle, Washington 98118

*Mrs. William Huttel, 8016 NE 14th St., Vancouver, Washington 98665
 Clara Juneau, 4632 S. 148th, Seattle, Washington 98188
 Mr. Emory E. Leland, 7014 29th NE, Seattle, Washington 98115
 Jeanne Myers, 6519 17th NE, Seattle, Washington 98115
 Mrs. E. A. Peterson, 2256 Cascade W., Longview, Washington 98632
 Mr. Roy A. Pritchard, Rt. 3, Box 13, Stanwood, Washington 98292
 Mrs. David Raetzloff, Jr., 5046 Bowen Pl. South, Seattle, Washington 98118
 Evelyn Rathje, 4638 36th Ave., W., Seattle, Washington 98199
 Mrs. Nellie D. Sleeth, 2913 N. Monroe, Tacoma, Washington 98407

WEST VIRGINIA

Mrs. C. L. Watson, 1624 15th St., Parkersburg, West Virginia 26101

WISCONSIN

Mrs. Ralph Anderson, Rt. 1, Colley Rd., Beloit, Wisconsin 53511
 Mrs. Roy Bartel, 6409 W. Wilbur Ave., Milwaukee, Wisconsin 53220
 Mrs. David E. Buchta, 2822 Michigan Blvd., Racine, Wisconsin 53402

Mrs. Stan Fell, N40 W27928 Glacier Rd., Pewaukee, Wisconsin 53072
 *† Mrs. William Krogman, 1325 Parkway Drive, Brookfield, Wisconsin 53005
 Mrs. Evelyn C. Krull, 1352 McKinley Ave., Beloit, Wisconsin 53511
 Mrs. J. L. Merrell, 409 Hillendale, Oconomowoc, Wisconsin 53066
 Sylvester P. Peters, Mount Mary College, Milwaukee, Wisconsin 53222
 Mrs. Nancy Radtke, 2805 Harmony Circle, Brookfield, Wisconsin 53005
 Mrs. Harlow C. Robb, Rt. 3, Dogenville, Wisconsin 53533
 Mrs. John F. Roe, 4417 Boulder Terrace, Madison, Wisconsin 53711
 Mrs. O. D. St. Clair, 135 Kensington Drive, Madison, Wisconsin 53704
 Mrs. C. O. Sathre, 128 Kensington Dr., Madison, Wisconsin 53704
 Mrs. Fred Scudder, 1929 Walton Lane, Beloit, Wisconsin 53511
 Mrs. David Stilp, 746 Harding St., Oconomowoc, Wisconsin 53066
 Mrs. M. Tremaine, W261 N 4341 Hy. KF, Pewaukee, Wisconsin 53072
 Mrs. Wm. Wall, 4742 Lafayette Dr., Madison, Wisconsin 53705
 Mrs. Leore Zabel, S 102 W 21804 Kelsey Dr., Muskego, Wisconsin 53150

STATEMENT OF CASH RECEIPTS AND DISBURSEMENTS

THE AFRICAN VIOLET SOCIETY OF AMERICA, INCORPORATED

Ernst & Ernst audit report

Year ended February 28, 1970

RECEIPTS

Memberships:	
New	\$ 9,401.20
Renewals	40,596.50
Other	4,244.89
	\$54,242.59
Advertising	7,443.01
Back Issues	381.75
Research	2,153.87
Library rentals	699.25
Plant registrations	440.00
Variety lists	2,893.00
Magazine advance sales	205.00
Binders	780.00
Booster fund	1,080.04
Interest (less \$172.00 transferred to life membership receipts)	1,490.39
Jewelry	1,845.50
Seals	75.74
Culture leaflets	474.92
Conventions	2,286.13
Cumulative index	251.08
Entry tags	102.50
Semi-miniatures and miniatures list	303.75
Miscellaneous	156.75
TOTAL RECEIPTS	77,305.27

DISBURSEMENTS

Magazine printing	37,911.70
Services and pay roll taxes	14,365.89
Office supplies and expenses	3,117.25
Variety lists	4,546.19
Postage	2,410.78
Conventions	600.00
Rent	1,609.92
Committees	1,326.05
Binders	570.00
Jewelry	1,112.10
Auditing	375.00
Culture leaflets	2,395.44
Entry tags	167.44
Insurance	128.00
Miscellaneous	64.89
	70,700.65
EXCESS OF RECEIPTS OVER DISBURSEMENTS	\$ 6,604.62

CONVENTION MINUTES

BOARD OF DIRECTORS MEETING

Tuesday, April 14, 1970

The meeting convened at 8:15 P.M. in the Mirror Room, Pfister Hotel, Milwaukee, Wis., on April 14, 1970, with Frank Tinari, president, presiding. Mrs. Lizeta Hamilton gave the invocation, followed by the entire Board's repeating the pledge of allegiance to the flag.

Parliamentarian Mrs. Thomas J. Edmundson was present. The following officers and standing committee chairmen responded to roll call: Mesdames Van Zele, Rienhardt, Nelson, Crane, Anderson, Galpin, Stubbs, Gillespie, Lahr, McKneely, Garner, Suder, Weekes, Hamilton, Hudson, Baker, Schroeder, Tretter, Krogman, Carey and Gray and Miss Edith Peterson; Messrs. Tinari, Dixon, Albright and Buell. Present by invitation were Director-nominee Gonzales, Editor Foote and Office Manager Bell. Absent were Directors Mesdames Anschutz, Spencer, Kolb, Trokovich; Messrs. Skillman, Palmer; Standing Committee Chairmen Yakie and Lyon; Director nominees Peterson, Myers and Garrity; Printer Becker; and Resolution Ch. Slocumb.

The President appointed the following committee to approve the minutes of this Board Meeting: Mesdames Baker, Anderson and Gray. Mrs. Van Zele and Mrs. Gray were appointed to make notes on the meetings for the editor and Mrs. Schroeder to attend the National Council of State Garden Clubs meeting in Chicago on May 13.

The President thanked everyone for the cards sent him during his hospitalization. Reports of the President and Treasurer were read. First, Second and Third Vice Presidents and Secretary had no reports.

Mrs. Hamilton, Affiliate Chapters Chairman, reported for her committee and moved that on the dues notice cards, or other forms where information is requested to list when president's term expires. Motion seconded and adopted. Mrs. Van Zele moved that we postpone action on Mrs. Hamilton's recommendation to send a Gold and Purple Award Card to be awarded by the judges at a show and followed by mailing of indicated rosettes to either show chairman or exhibitor. Motion seconded and carried.

Reports were given by Awards Ch. Mrs. Hudson and Commercial Activities Ch. Albert Buell.

Mrs. Gillespie, Boyce Edens Research Fund Chairman, reported. By motion of Mrs. Van Zele, Mrs. Gillespie will dispose of correspondence more than two years old. Convention Program Ch. Peterson's report was heard. Convention Time & Place Ch. Baker moved the Board accept Boston's invitation to host the AVSA Convention in 1975. Motion seconded and lost.

No action was taken on the 1970-71 budget presented by Finance Chairman Albright, other than making a few minor changes. Mr. Dixon moved that entry tags be printed after being referred to a committee. Motion seconded and carried. Library Chairman Schroeder's report was given. A motion to adjourn until 9:00 A.M. Wednesday was made by Mrs. Carey, seconded and adopted.

Wednesday, April 15, 1970

Morning Session

The board meeting reconvened at 9:20 A.M. in the Mirror Room, Pfister Hotel, Milwaukee, Wis. on April 14, 1970, with President Tinari presiding. Invocation was given by Mrs. Gonzales, followed by pledge of allegiance to the flag.

Members responding to roll call were the same as for Tuesday's meeting. Minutes of the previous meeting were approved as read. Hours for adjournment for meals were set.

Mrs. Gray moved that the tape recorder which Mrs. Anderson had provided be used, since it would be helpful to the secretary, but that it be shut off if requested during any discussion we would not want publicized. Motion seconded and passed.

Reports from Printer Becker and Editor Foote were heard. Copies attached.

Recommendations of the Publication committee were read by Chairman Anderson who moved that the section referring to publication of MVL Supplement be referred to a committee for report on Saturday. Motion seconded and passed. The President appointed Mrs. Anderson chairman of this committee, along with Messrs. Becker, Albright, Dixon; Mesdames Lahr, Crane and Foote.

Mrs. Anderson moved that all Publication committee recommendations, with the exception of the one referred to committee (MVL Supplement) and that covering Boyce Edens and AVSA Booster Fund donors, which are to be published in every issue, be adopted as presented. Motion seconded and passed.

Mrs. Tretter moved that the committee appointed to report on publication of the MVL Supplement also consider making the Registration List a separate supplement. Motion seconded and carried.

The recent death of Mrs. Stanley Best was announced and the Secretary instructed to send a note of sympathy to the family.

Report on Membership & Promotion was given by Chairman Krogman. Report attached. Mrs. Van Zele thanked Mrs. Krogman for her work and regretted that health considerations have forced her to decide that she is unable to continue as chairman of this committee.

Meeting adjourned at 11:30 A.M. until 2:00 P.M.

Afternoon Session

The Board reconvened at 2:00 P.M. and in addition to those present at the morning meeting, Lyndon Lyon attended. Mrs. Krogman and Mr. Becker were absent.

Reports were received from Office Manager Bell, Plant Registration and Master Variety List Chairman Tretter, Show & Judges Chairman Carey, Best Varieties & Honor Roll Chairman Lahr, Miniature and Semi-Miniature Classification Chairman Weekes, Nominating Vice-Chairman Gray, Advertising Manager Nelson, Bulletin Editors' Committee Chairman Galpin. Reports attached.

Mrs. Anderson reported on the visit which she and Mrs. Crane made to the Knoxville Office in October. Copy attached.

Mrs. Anderson moved that S.R. Rule VI-A-Page 18 be amended by striking out the words - "at \$1.00 per copy". Motion seconded and passed.

Mrs. Carey moved that S.R. VI-C-Page 18 be rescinded. Motion seconded and passed.

Mrs. Rienhardt moved that a new Rule VI-C-Page 18 of S.R. be added as follows: "Any ultimate profit resulting from the sale of Master Variety List shall be placed in the general fund of the Society." Motion seconded and carried.

Mrs. Galpin moved that S.R. Rule III-A-Page 18-price be changed from \$1.00 to \$1.25 per copy. Motion seconded and carried.

Mr. Buell moved that S.R. Rule III-B-Page 18-price be changed from 50c to 75c per copy. Motion seconded and passed.

Mr. Buell moved to strike out the words - "at convention" from S.R. VIII-A page 18, and add - "if no postage is involved." Motion seconded and carried.

Research Chairman Lyon reported on his efforts to interest some scientist or University in working on a project primarily to find if genetic material exists that is more tolerant to extremes of temperature and light than is usually found in African violets in commerce; to see if more hardy varieties can be developed to withstand the heat of summer better and to survive better in florist shops, super markets and apartments; to develop crosses

made with trailers derived from S. grotei to extend the usefulness of violets to large containers and hanging baskets outdoors in shady locations during warm weather. Greater tolerance to cold would be important in this case.

Commercial Sales & Exhibits Chairman Rienhardt reported 9 display tables in the Show Room and 14 sales tables in Sales Room.

Mrs. Carey moved that we pay the expenses of Parliamentarian Edmundson, Editor Foote and Office Manager Bell at convention. Motion seconded and carried.

Mrs. Carey moved that we accept the report of the auditor. Motion seconded and passed.

Mrs. Van Zele presented a list of proposed amendments to the bylaws of AVSA for Board approval prior to presentation to the general meeting. Copy attached.

Mrs. Anderson moved we approve Amendment No. 1 as proposed. Motion seconded and passed.

Mrs. Hamilton moved we approve Amendment No. 2 as proposed. Motion seconded and passed.

Mrs. Weekes moved we approve Amendment No. 3 as proposed. Motion seconded and passed.

Mrs. Hamilton moved that the procedure to amend the bylaws be taken to strike out the following sentence from Article III - Section 4:

"A President's card is available to those groups who supply the name and address of the group president." Motion seconded and carried.

Mrs. Anderson moved that the following changes be made in S.R. VI - Page 8:

Rule VI-B - Petty cash fund for Office Manager be changed from \$150.00 to \$400.00.

Rule VI-E - Petty cash fund of \$40.00 will be maintained by the Affiliate Chairman.

Rule VI-F - Disbursements of these petty cash funds shall be reported to the Treasurer during the year, with all withdrawal items supported by paid invoices. An accounting of petty cash funds to be reported to the Treasurer by February 15.

Motion seconded and carried.

Mrs. Crane moved that S.R. Rule IV-B - Page 8 be struck out. Motion seconded and carried.

During this session, the Board was honored by a brief visit of Wisconsin's Governor Knowles.

Meeting adjourned at 5:30 P.M. until 7:30 P.M.

Evening Session

The meeting was called to order at 8:00 P.M. by President Tinari, with the same attendance except Mrs. Krogman, Mr. Lyon and Mr. Becker were absent.

Mrs. Slocumb advised the resolutions report would be ready for the meeting on Saturday morning.

Mrs. Rienhardt moved that S.R. Rule III - D.2 - Page 21, first sentence be changed to read: "Each display table shall contain not less than 15 and not more than 25 plants." Motion seconded and carried.

Meeting adjourned at 9:00 P.M.

Minuted approved by
Mrs. W. F. Anderson
Mrs. H. Harold Baker
Mrs. Dorothy Gray

Melva B. Nelson

Secretary

ANNUAL MEETING

April 18, 1970

The annual business meeting of The African Violet Society of America, Inc. was called to order at 10:15 A.M. by Mr. Frank Tinari, President, in the Mirror Room, Pfister Hotel, Milwaukee, Wisconsin. The Parliamentarian was present.

Roll call of Officers and Directors showed the following present: Messrs. Tinari, Dixon, Albright; Mesdames Van Zele, Rienhardt, Nelson, Crane, Anderson, Galpin, Stubbs, Gillespie, Lahr, Garner, Suder and Weekes. Absent, Anschutz, Skillman, Spencer, Palmer, McKneely, Kolb and Trokovich.

The President appointed the following committee to approve the minutes of this meeting: Mesdames Anderson, Gray and Galpin.

Mrs. Robert Slocumb, resolutions committee chairman, read the attached report courteously thanking Mrs. William J. Krogman, Mrs. John Roe and their entire committee; Mrs. Roy Bartel, Mrs. James Merrell, and their committees; Mr. Frank Tinari; Miss Edith Peterson and her assistants; Mrs. Glenn B. Hudson and her committee; Mrs. James B. Carey; Commercial members and amateur exhibitors; Executive Board members, the Board of Directors, standing committee chairmen and their committees and our honored guests; the newspaper, television and radio personnel; the Pfister Hotel and all members of our Society. The resolutions were adopted.

Proposed Amendments to Bylaws

Mrs. Van Zele moved Amendment No. 1 - Article III, Section 4, be amended by striking out "Affiliated Chapters" and inserting "Affiliate". Motion seconded and passed.

Mrs. Van Zele moved Amendment No. 2 - Article VIII, Section 1, be amended by striking out "Affiliated Chapters" and inserting "Affiliate". Motion seconded and passed.

Mrs. Van Zele moved Amendment No. 3 - Article II, Section 2, paragraph d, be amended by striking out the paragraph providing for research memberships and substituting the following: "SUSTAINING: which shall be those individuals or organizations interested in the objects of this Society and paying the Sustaining Membership fee." Motion seconded and carried.

Mrs. Van Zele moved Amendment No. 4 - Article II, Section 5, be amended by striking out "any twelve (12) month-period" (last line) and inserting "the twelve (12) month-period from the first day of March through the last day of February." Motion seconded and carried.

Mrs. Dorothy Gray, Vice Chairman of Nominating Committee, presented the slate of officers. There being no nominations from the floor, nominations were declared closed and there being only one name in nomination for each office, the secretary was instructed to cast the ballot for those present and the following were declared elected: President, Mrs. Helen Van Zele, Lemon Grove, Calif.; 1st Vice President, Mrs. Harold Rienhardt, Syracuse, N.Y.; 2nd Vice President, Mr. E. H. Dixon, Mission, Kans.; 3rd Vice President, Miss Edith Peterson, San Francisco, Calif.; Secretary, Mrs. Edward A. Nelson, St. Louis, Mo.; Treasurer, Mrs. Percy F. Crane, Sharon, Mass. Directors: Mr. Henry C. Peterson, Cincinnati, Ohio; Mr. Richard T. Meyers, Oreland, Penn.; Miss Florence M. Garrity, Roslindale, Mass.; Mrs. M. G. Gonzales, San Jose, Calif.; Mrs. W. F. Anderson, St. Louis, Mo.

Mrs. Dorothy Gray installed the new officers.

Having received the gavel from Mr. Tinari, Mrs. Van Zele presided. The appointment of Mr. James Watson as general chairman for the New York Convention in 1972 was announced, with Mrs. Sidney Bogin, vice chairman and Miss Leila Egenites, show chairman.

Mrs. Van Zele announced the meeting of the Board of Directors to be held in the Mirror Room immediately following the close of this meeting.

Meeting adjourned at 10:45 A.M.

Melva B. Nelson
Secretary

Minutes approved by:
Mrs. W. F. Anderson
Mrs. Dorothy Gray
Mrs. F. Henry Galpin

BOARD OF DIRECTORS MEETING **Saturday - April 18, 1970**

The meeting of the AVSA Board of Directors was called to order by President Van Zele at 11:10 A.M. in the Mirror Room, Pfister Hotel, Milwaukee.

The following officers and directors were present: Mesdames Van Zele, Rienhardt, Nelson, Crane, Gillespie, Lahr, Garner, Suder, Weekes, Gonzales, Anderson; Misses Edith Peterson and Florence Garrity; Messrs. Dixon, Tinari, Albright, Peterson and Parliamentarian Edmundson. Absent: Mesdames McKneely, Kolb and Trokovich; Messrs. Palmer and Meyers.

The following standing committee chairmen appointed by the President for the ensuing year were present: Affiliate, Hamilton; Awards, Hudson; Boyce Edens Research, Gillespie; Commercial Activities, Buell; Commercial Sales & Exhibits, Galpin; Convention Program, Edith Peterson; Convention Time & Place, Baker; Finance, Albright; Nominating, Gray; Shows & Judges, Carey. Absent: Plant Registration, Tretter; Publications, Yakie; Library, Schroeder; Membership & Promotion, Day; Research, Lyon. Present by invitation were Editor Foote, Office Manager, Bell and Printer Becker.

President Van Zele announced the following appointments: Parliamentarian, Edmundson and special committee chairmen: Advertising Manager, Nelson; Best Varieties Honor Roll, Lahr; Sub-Committee: Tally Time, Reed; Booster Fund, Garner; Bylaws, Weekes; Classification of Miniatures & Semi-miniatures, Weekes; Convention Manual, Anderson; Cumulative Index, Joan Van Zele; International Code of Nomenclature for Cultivated Plants, Burton; Magazine, Foote; Master Variety List, Tretter; Public Relations, Meyers; Resolutions, Slocumb; Standing Rules, Nelson.

The President appointed Mesdames Anderson, Baker and Crane to approve the minutes of this Board meeting.

Convention Chairman Krogman reported convention registration totaled 550, plus 450 public admissions.

Mrs. Carey moved that we accept the following recommendations of the Publications committee:

Publish the September magazine in two parts: Part One, a 72-page magazine (regular size) and include the Master Variety List supplement in a separate Part Two, with copies of Part Two sufficient to equal the number of Master Variety List, Volume II in stock at the time of publication.

That the Registration List be printed as a center section in the March issue as part of the 72-page magazine.

Motion seconded and carried.

Mr. Albright moved that the budget of estimated receipts and disbursements for the period March 1, 1970 to February 28, 1971 be adopted for no more than the stated amounts, or possibly less. Motion seconded and passed.

Mrs. Carey reported on action taken at the Judges and Teachers Workshop to have a newsletter on a trial basis for one year at \$1.50 for four letters which will be a self-supporting project. This will be announced in the magazine and anyone interested may subscribe to this newsletter.

Shows & Judges Chairman Carey moved that the following revised scale of points for judging yearbooks, as recommended by teachers and judges at the Milwaukee, Wisconsin, convention workshop, be adopted:

1. Cover5
 - a. Design3
 - b. Identification2
2. Title Page5
 - a. Identification2
 - b. Affiliation (s)1
 - c. Number of members1
 - d. Number of AVSA members1
3. Other Pages10
 - a. Roster3

- b. AVSA Addresses club may need ...3
- c. Club officers2
- d. Club committees1
- e. Club AVSA representatives1

4. Programs - minimum of 7 study program meetings35
5. Public display of violets10
6. Project (s)10
 (supporting AVSA projects, violet therapy, or education)
7. Functional quality of book5
 (Maximum size accepted 5½ x 8½")
8. Quality of programs according to AVSA objectives10
9. Quality of project (s) according to AVSA objectives10

100

Motion seconded and carried.

Mrs. Carey moved that a judge's examination include plant judging as follows:

As a part of the 10 questions, 10 points will be given if the student's score on all 3 plants meets the requirements of 5 points above or below the teacher's score; 7 points if the score on two plants meets the requirements; or 3 points if the score on one plant meets the requirements. Motion seconded and carried.

Definitions to be added:

Semi-double blossom: A bloom having more than 5 petals such as an extra crest or tuft at the center of the blossom, but less than a full row of secondary petals.
Enlarged Pistils: Varieties showing early formation of enlarged pistils while the blossoms are fresh but have not dropped, are not to be considered as seed pods.

Terrarium: A transparent container that may be open or covered, in which plants are grown in earth instead of water.

Bubble Bowl: A transparent container either enclosed showing a bubble at the top or open at the top having a design under water.

Mrs. Anderson moved these definitions be adopted. Motion seconded and carried.

Mrs. Crane moved that the Bank of America, National Trust & Savings Association, San Jose, Calif. be named the bank for the African Violet Society of America, Inc. San Francisco convention account. Motion seconded and carried.

Mrs. Anderson moved that S.R. XIII - A and B - Page 10 and S.R. Rule III - F, Page 15 be struck out. Motion seconded and carried.

Convention Time & Place Chairman Baker moved we accept Boston's invitation to host the 1975 convention. Motion seconded and carried.

Treasurer Crane reported results of the Plant Auction held the previous evening totaled \$259.50.

Booster Fund Chairman Garner reported total donations to end of fiscal year as \$2738.29, donations received during the month of March as \$62.00 plus the \$259.50 mentioned above gives a grand total as of April 18, \$3059.79. See attached copy of Garner's report to Treasurer.

Final report of Commercial Sales and Exhibits at Milwaukee Convention was given by Mrs. Rienhardt. Report attached.

Meeting adjourned at 12:35 P.M.

Melva B. Nelson
Secretary

Minutes approved by:
 Neva S. Anderson
 Dora J. Baker
 Estelle C. Crane

Fischer's AFRICAN VIOLETS

BIG FALL SAVING!

America's Finest

from 99¢

WITCHCRAFT—Unusual exotic blossoms of leafy texture; looks like its name. A collector's item No. 74

TINY PINK—Bright, double pink flowers and tiny, glassy foliage. A miniature. No. 111

HARVEST TIME—Giant, soft lavender semi-double blossoms, edged in white. A fine grower and free bloomer. No. 77

ROYAL JESTER—A striking new shade of deep sparkling burgundy; highly frilled single flowers. A medium grower with dark green, slightly waved foliage. No. 88

PINK PAUL BUNYAN—Heavy blooming double pink spart of Paul Bunyan. Tops in performance, blooms in profusion. No. 1

MOLTEN FIRE—Vibrant red double with dark green quilted foliage and colorful red underleaf. Free blooming and beautiful. No. 55

POMPON—Great clusters of semi-double, rich, reddish-lavender flowers. No. 82

Rhapsodie

VIOLETS \$1.79

RHAPSODIE Maria—Dark violet blue, single, girl leaf. No. 119

RHAPSODIE Gisela—Clear pink, single, attractive contrast to its small, dark green leaves. No. 120

RHAPSODIE Ruth—Medium blue, single. No. 121

RHAPSODIE Claudia—Clear Pink, single, large flowers. No. 122

RHAPSODIE Elfriede—Dark blue, single, large bouquet of flowers. No. 123

RHAPSODIE Sophia—Violet blue, giant size single flower with large golden stamen. No. 124

RHAPSODIE Patricia—Blue and white, blooming, semi-double. No. 125

RHAPSODIE Gigi—Blue and white, single. Large flower. No. 126

RHAPSODIE Annette—Girl leaf. Pink. Semi-double. No. 127

RHAPSODIE Ophelia—Large single flower. Plum. No. 128

RHAPSODIE Ramona—Bordeaux red. No. 129

RHAPSODIE Violetta—Two tone, lavender rose. No. 130

NEW! ENGLERT VARIETY

only \$1.79

DIANA ENGLERT (Red)—NEW! Very large reddish, semi-double star flowers. Round medium green leaves. No. 131

DIANA ENGLERT (White)—NEW! Pure white semi-double blossoms. Tailored medium green foliage. No. 132

DIANA ENGLERT (Blue)—NEW! Dark blue, big single flowers. Dark green medium size foliage. No. 133

More of Fischers Finest Varieties

only \$1.39 each

PINK PRINCESS—Bright, soft pink double and semi-double flowers, extra large, deep semi-glossy foliage. Medium grower. No. 13

VOYAGEUR—Large fluted, full double light blue tall flower stems. Blooms in profusion. No. 94

BUTTERFLY WHITE—NEW! Tremendous double white flowers. Big yellow centers of multiple stamens. Heart shaped leaves. (From Lyndon Lyon.) No. 150

PINK CARNIVAL—Huge semi-double pink blossoms will not drop. Star character. Heavy bloomer, strong grower, deep green foliage. No. 101

DOUBLE TAKE—Navel miniature type free flowering. Dark purple semi-double. Attractive deep green foliage. No. 115

ROYAIRE—NEW! Wonderful double blue with white edge. Robust bloomer and performer. (From Granger Gardens.) No. 136

STARTLING—A fantasy star. Light lavender blossoms with blue flecks throughout. No. 62

LULLABY—Heavy flowering, non-dropping, baby-blue, single. Fine upright stems. A unique plant. No. 67

PIED PIPER—Pleasing blue and white full double blossoms flowering well over well shaped tailored foliage, excellent bloomer. No. 92

BEAU CATCHER—Bright deep pink double blossoms over dark contrasting deep green foliage. Blossoms are large. Blooms in profusion, strong grower. No. 113

ALAKAZAM—Magic combinations of flashy reds and purples. Semi-double flowers with quilted foliage. No. 70

DAWN PURPLE—NEW! Big yellow eyes in big, double plum purple flowers. Red backed foliage. (From Lyndon Lyon.) No. 148

LIEBERMAN SPORT—NEW! Huge, clear pink stars. Beautiful presentation. No. 134

COUNT DOWN—Large blue double flowers edged in white. Very colorful. Blooms in profusion. Strong grower, deep green foliage. No. 99

JOLLY GIANT SPORT—Giant, semi-double fuchsia flowers, non-dropping. Very vigorous grower. Fine foliage. No. 76

PRETENDER—NEW! Striking semi-double Red with prominent yellow stamens. Compact glossy dark leaved plant. (From Lyndon Lyon.) No. 142

DAPHNE—Giant semi-double pink blossoms with blue flecking; deep green foliage, and strong grower. No. 5

FLORAL FANTASY—NEW! The large lilac flowers are strong stemmed and borne in profusion. Full double with red backed standard foliage. (From Lyndon Lyon.) No. 149

SEAFOAM—NEW! Blue faced single. Broad, wide fringed border. (From Granger Gardens.) No. 138

BLIZZARD—Blooms in profusion. Large semi-white double blossoms. Semi-miniature type foliage. (From Lyndon Lyon.) No. 110

INKY PINK—NEW! Semi-double Pink splashed with blue. (From Lyndon Lyon.) No. 141

BULLSEYE—NEW! Huge Pink and Blue two-tone star. (From Lyndon Lyon.) No. 140

LAVENDER SUNSET—Large bright warm lavender blossoms. Each flower stem bearing heavy clusters of blossoms, good contrast with deep medium green foliage. Excellent performer. No. 116

BLUE REVERIE—NEW! Sky Blue single. Highly frilled flower and foliage. (From Granger Gardens.) No. 135

BLUE FROST—Large flowering double bright blue with petals edged white. Heavy flowering, glossy foliage. Great new variety. No. 83

TRIPLE THREAT—NEW! Huge, bright double pink flowers held strongly over husky natched flat tailored dark green foliage. (From Lyndon Lyon.) No. 143

RED CHOICE—NEW! Fine Red companion to Purple Choice. Double flowers edged white. Excellent performer. (From Lyndon Lyon.) No. 139

Growing Aids Catalog—Handy 60 page catalog filled with interesting and hard to find growing aids. Send 20c in coin to cover handling.

MINIMUM ORDER \$4.95. Add 10% on all orders for postage and packing.

N.J. Residents add 5% Sales Tax.

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Be A Winner!

TINARI GREENHOUSES THREE SILVER CUP AWARDS TO BE GIVEN AT THE 1971 AVSA SILVER ANNIVERSARY CONVENTION IN CALIFORNIA TO THE BEST AMATEUR GROWER OF THE PLANTS RUTH CAREY, JENNIFER, POODLE TOP.



NOW IS THE TIME TO ORDER, plant shipping season from April 20 to November 1.

POODLE TOP

POODLE TOP . . a silver cup winner at 1970 con., new blossom form short ruffled frilled top petals, deep rosy two tone lilac pink, shiny quilted heart shape leaf . . . \$2.50 ea.

RUTH CAREY . . winning plants in the AVSA Gold Rosette award of 1970, wavy semi double apple blossom pink with peachy overtones, symmetrical sturdy heart shape leaf . . \$1.50 ea.

JENNIFER . . a blue ribbon sweetheart, fascinating two tone single blossom lavender, edged in deeper rosy lavender, pointed, serrated glossy leaf . . \$1.50 ea.

CHOOSE FROM THESE WINNERS . . \$1.25 ea.

Moon Magic, Wisteria, Giant Step, Hapatica, Lilac Wonder, Lucky Plum, Moon Walk, Pink China, Pom Pom Delight, Red Beam, Winnie, Helen Van Zele, Betsy Ross, Broadripple, Coral Satin (semi min.), Hi Jinks (semi min.), Cynthia, Diamond Jubilee, Lili Belle, Pink Diamond, Pink Leawala, White Leawala, Pink Panther, Silver Crest, Triple Threat, Leawala, White Pride Supreme.

THE BIG DOLLAR VALUE AT TINARI'S . . \$1.00 ea.

Alakazam, Autumn Russet, Candy Lips, Chateaugay, Coral Reef, Double Purple Rhapsody, Fiesta Flame, Gretel, Happy Time, Henny Backus, Jolly Giant, Lilian Jarrett, Pats Pet, Peak of Pink, Pink Philly, Star Gazer, Tommie Lou, Lullaby, Last Snow (semi min).

Greenhouses open daily and Sunday afternoon.

Add 75¢ on all plant orders amount to \$3.75 or less. Orders over add 85¢; West of Miss. add \$1.00., if you wish Special Handling please add 65¢ extra.

FREE 1970 color catalog, available on request.



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AVS of America, Inc.

THE 1970 MASTER LIST OF AFRICAN VIOLETS

COMPILED BY
ADELE TRETTER
CHAIRMAN

PULL GENTLY TO REMOVE.

*One Asterick designates registered varieties.

** Two Asterieks designate plants that were previously listed incorrectly or have been registered since the release of the MASTER VARIETY LIST OF AFRICAN VIOLETS.

A

- ACADIAN - (Granger) - Light lilac semi-double, white edge. Tailored foliage.
AFRICAN PRINCESS - (Arndt) - Semi-double dark purple with a frilled green edge. Ruffled foliage.
AGNEW - (Maas) - Double white. Tailored foliage.
AINSI BEAU - (Frathel) - Frilled semi-double clear mauve. Shiny strawberry red backed foliage.
ALLIE - (Swifts) - Medium pink double with a white edge. Glossy quilted, tailored foliage. Medium grower.
ALTHEA C. - (Butler) - Heart shaped leaves, inclined to spoon. Deep two-tone red purple double bloom.
AMIGO - (Lanigan) - Lavender bloom with purple tips. Tailored foliage.
*ANDY GRIFFITHS - (1999) 10-24-69 - (Griffiths) - Double burgundy wine. Semi-double strawberry quilted shallow scallop and slightly waved foliage. Semi-miniature.
ANN B. - (Butler) - Scalloped foliage. White single with a deep lavender eye and edge.
ANNETTE - (See Rhapsodie Annette)
ANN RUTLEDGE - (Rose Knoll) - Broad flat foliage. Deep pink double.
AMULET - Dark foliage. Double white with blue markings.
ARBUTUS PINK - (R. O. Dennee) - Frosted sticktite, pink single. Flat, dark green, quilted compact foliage. Standard grower.
*AURORA'S FAIREST - (2008) 11-2-69 (Benke's) - Ruffled red double. Wavy, cupped up, glossy foliage. Grows standard.
*AURORA'S INNOCENT - (2009) 11-2-69 (Benke) - Semi-double white bloom with a pink eye. Quilted, pointed foliage. Grows large.
*AURORA'S PINK LADY - (2010) 11-2-69 (Benke) - Double pink bloom, variation of light to medium pink. Plain, pointed foliage. Grows standard.
*AURORA'S QUEEN ANNE - (2011) 11-2-69 (Benke) - Double white bloom with a trace of pink. Quilted, round lobed foliage. Grows large.
AVALON WHITE - (Kartuz) - Large semi-double white star. Dark tailored foliage.
AZURE SKIES - (Lanigan) - Large tufted star of a light bright blue color. Medium green foliage, inclines to spoon. Medium sized plant.

B

- *BABY DOE - (2032) 11-28-69 (Kiesling) - Double fringed medium pink with a chartreuse edge on buds. Wavy scalloped foliage. Grows large.
BABY GIRL - (Frathel) - Full double midnight purple bloom. Variegated girl foliage. Semi-double.
BABY PEARLS - (Arndt) - White frilled bloom sometimes tinted with pink or green. Notched girl foliage. Miniature.
BABY PINK - (Lyon) - Bright pink sport of "Baby Dear", full double. Glossy miniature dark green foliage.
BANNER YEAR - (Parker) - Powder blue single with deeper blue center. Dark foliage.
BEAU BAIT - (Lyon) - Full double ruffled pink. Fern green wax like foliage.

- BEE BELL - (Lyon) - Pink bells edged in red pink. Small tailored foliage. Miniature.
BELLAIRE - (Maas) - White semi-double stars with blue markings. Plain foliage.
BIG D - (Swift) - Semi-double to double wine-purple bloom. Flat, quilted, tailored foliage. Small to medium grower.
BIG ONE - (Weynand) - Single purple bloom. Dark red backed foliage. Grows large.
BILLIE BLUE - (Madison G.) - Deep blue double. Tailored foliage.
BISCANE - (Parker) - Light blue single with darker veinings and a slight white edge. Plain dark green round quilted foliage.
**BLIZZARD - (Lyon) - White double stars sometimes marked with pink. Tailored shiny foliage. Medium small grower.
BLIZZARD SUPREME - (Parker) - Large white double. Supreme type foliage.
BLUBERRY - (Kartuz) - Old fashioned single blue. Velutina foliage.
*BLUE BUTTERFLY - (Cook) - Large pale blue double blossoms. With green notched edging. Medium green quilted girl foliage. Small size grower.
BLUE AND PINK - (Arndt) - Double blue or pink blooms on same plant. Miniature.
BLUE CUP - (Richter) - Dark tailored foliage. Shaded light blue double.
BLUE DALE - (See Westdale Blue Dale)
BLUE EYED DAISY - (Madison G.) - Semi-double daisy type white bloom with blue center. Tailored foliage.
BLUE FALCAN - (Lyon) - Double wisteria blue. Quilted dark green foliage.
BLUE HAWAII - (Constantinov) - Large medium blue double bloom. Tailored foliage. Grows large.
*BLUEJEAN - (2026) 11-17-69 (Fredette) - Single medium blue with an extra small center petal. It appears to be more single than semi-double. Quilted scalloped foliage. Grows standard.
*BLUE MACHEN - (2074) 4-30-70 (Edena Gardens) - Single dark blue bloom. Ovate foliage. Standard.
BLUE MANESSA - (Madison) - Quilted semi-supreme. Double white with blue markings.
BLUE MAX - (Maas) - Dark foliage. Medium blue double.
BLUE ONYX - (Lyon) - Standard foliage. Double dark purple.
BLUE OWL - (Dates) - Single powder blue with top petals dipped. Medium green pointed foliage.
*BLUE POWER - (1990) 9-13-69 (Hawley) - Single medium blue with lighter shadings around the edge of petals. Plain, pointed foliage. Grows large.
*BLUE REVERIE - (2013) 11-14-69 (Granger) - Semi-double light blue with a lighter blue fringe. Quilted, wavy foliage. Grows standard.
*BLUE ROSETTE - (2028) 11-20-69 (Margaret Scott AVS) - Double medium blue bloom. Plain ovate foliage. Grows standard.
*BLUE SKIES OF AURORA - (2012) 11-2-69 (Benke) - Semi-double royal blue. Quilted, pointed foliage. Grows large.
BLUE TANGO - (Tinari) - Medium blue double.
BLUE VANESSA - (Madison) - Double white fused with blue. Quilted semi-supreme foliage.
BOUTIQUE - (Richter) - Double pale powder blue. Small tailored foliage. Medium size grower.
*BRIGADOON - (2014) 11-14-69 (Granger) Semi-double bright rose red with white petal edge. Plain, quilted, pointed foliage. Grows standard.
BRIGHTNESS - (Volkmann) - Large dark cerise-pink double. Dark green tailored foliage.

THE MASTER LIST OF AFRICAN VIOLETS

BROKEN ARROW - (Parker) - Double orchid with purple edgings. Large girl type foliage.
 BUCCANEER - Dark maroon-red two-tone fringed double. Plain green leaves.
 BUTTERMILK - (Richter) - Double creamy white bloom. Dark slightly fluted red backed foliage.

C

*CABARET - (2015) 11-14-69 (Granger) - Double dark red with white fringed edge. Quilted, wavy foliage. Grows standard.
 *CALIFORNIA SKIES - (2027) 11-19-69 (Wilson) - Double dark rose pink with a fringed white edge. Quilted, ruffled and fringed pointed foliage. Grows standard.
 CAMEO ROSE - (Lanigan) - Full rosy pink double, shading to a true rose in the center. Medium green tailored foliage.
 CAMEROON - (Arndt) - Ruffled foliage. Cerise and red two-tone single with frilled gold edge.
 CANDY DIVINITY - (Volkart) - Tailored foliage. Shaded white and light pink star with darker markings.
 CANDY FAIR - (Volkart) - Plain standard foliage. White star, darker edges and markings.
 *CAPE COD - (2035) 11-29-69 (Constantinov) - Double white with a blue eye and a green edge. Quilted holly type leaf. Grows standard.
 CARILLON - (Granger) - Semi-double fluted lavender bloom. Tailored foliage.
 CAROLINE - (Madison G.) - Double white bloom shaded pink. Tailored foliage.
 CASCADE ORCHID - (Arndt) - Frilly soft pink with a large rose center. Ruffled dark green foliage.
 CHAPEL PINK - (Swift) - Double pink with a white edge. Glossy, scalloped foliage. Medium grower.
 CHARADE - (Lyon) - Double fuchsia with blue markings. Slightly wavy red backed foliage.
 *CHARADES - (2040) 1-5-70 (Kienzle) - Double dark blue bloom. Spooned glossy foliage. Grows standard.
 **CHARLEMAGNE - (Granger) - CORRECTION - Large deep purple double. Round soft leaf. This was listed in the Master variety list as a deep pink.
 CHARLIE'S CROSS - (Ozark Club) - Large red blooms. Standard foliage.
 CHERRY CITY - (Arndt) - Single fuchsia stars. Tailored foliage.
 CHERRY CORDIAL - (Lanigan) - Semi-double red star. Tailored foliage.
 CHERRY JUBILEE - (Frathel) - Deeply serrated heart shaped girl foliage. Full double, star shaped creamy pink. Blooms are slightly fluted.
 *CHITY-CHITY BANG BANG - (2060) 1-15-70 (Bob Kramer) - Double white with purple on edges and sides. Quilted foliage. Grows large.
 CHIVALRY - (Granger) - Blue bloom with white edge. Plain foliage.
 CHOCOLATE CHIP - (Lyon) - Double lavender-pink stars, with heliotrope fantasy markings. Medium green standard foliage.
 CHORALENE - (Lanigan) - Double deep pink with a deeper border. Tailored foliage.
 CIRCUS GIRL - (Melzina) - Blue and white stripe bloom. Girl foliage. Medium grower.
 CISCO - (Parker) - Wavy powder blue double. Dark longfolia wavy foliage. Grows large.
 CLEMATIS - (Weynand) - Single purple star. Medium green quilted leaf. Grows large.
 CLOSE UP - (Parker) - Single purple bloom. Dark quilted foliage.
 CLOUD CAP - (Volkman) - Double pink bloom. Plain green tailored leaves.
 CLOUD CLIFF - (See Missouri Cloud Cliff)
 *COCKATOO - (2016) 11-14-69 (Granger) - Double white and rose variegated bloom. Plain, quilted, pointed foliage. Grows standard.
 *COLORADO CARNATION - (2033) 11-28-69 (Kiesling) - Double ruffled light pink. Wavy scalloped foliage. Grows large.

*COLORADO ROSEBUD - (2034) 11-28-69 (Kiesling) - Double dark two-toned pink, center of petals darker. Quilted, ruffled, serrated foliage. Grows standard.
 COLOR CARNIVAL - (Lanigan) - Dark tailored foliage. Deep pink with wide band of wine-red on petals. Semi-miniature.
 COLUMBIA VIEW - (Arndt) - Silvery pink star spotted and striped with blue, orchid and rose red. Round tailored foliage, center vein sometimes speckled with cream.
 *CONSTANCE BETH - (1994) 9-25-69 (Swifts) - Rose pink fringed double, sometimes blossoms are plain. Ruffled and slightly pointed foliage. Grows large.
 CORALENE - (Lanigan) - Double deep pink with a deeper border. Tailored foliage.
 CORAL GLOW - (Lanigan) - Full double, deep coral pink. Dark foliage. Small grower. An improved "Little Cupcake".
 CORAL REEF SPORT - (Tinari) - White and coral pink double. Velvety foliage.
 CORALIE - (Richter) - Large lilac double blooms. Tailored foliage.
 CORONA - (White Cloud) - Ruffled and fluted white double. Edges of petals a deep red. Apple green, quilted and waved strawberry leaf.
 COTTILLION VARIEGATED - Red and white fringed double. Shiny wavy foliage.
 COUNTRY CAPERS - (See Missouri Country Capers.)
 COUNTRY MUSIC - (See Missouri Country Music)
 CREPE SUNBURST - (Volkart) - Shaded light plum, cerise edges, with six petals. Tailored foliage.
 CREPE SUNRISE - (Volkart) - Tailored foliage. Shaded pink and rose bloom with six petals.
 CREPE SUNSET - (Volkart) - Tailored leaves. Shaded cerise plum, six petals.
 *CROWN OF GOLD - (2036) 11-29-69 (Constantinov) - Double light lavender with darker bands. Plain quilted variegated foliage. Grows standard.
 *CROWN PRINCE - (1993) 9-25-69 (Stekelbos) - Single dark purple with bottom petals a mauveish pink, and curves in like a pansy. Quilted, cupped up and pointed foliage. Grows large.
 CRYSTAL - (Kartuz) - Semi-double white star. Green tailored foliage.
 CUPID'S BOW - (Frathel) - Tailored, pointed flat growing foliage. Full double slightly frilled blue bloom.
 CURTIS G. - (Butler) - Scalloped, quilted round foliage. Single deep pansy purple.
 CZARINA - (Lanigan) - Large double deep fiery pink. Dark tailored foliage.

D

DAINTY PRINCESS - (Mimi) - Delicate blue and white bloom.
 DAIRY MAID - (Richter) - Semi-double white star with a touch of lavender in center. Light green tailored foliage.
 DAISY DOLL - (Lyon) - Sparkling rose pink stars. Glossy, flexible, tailored foliage.
 DANDY PINK - (Parker) - Intense pink double star. Light green foliage.
 DANIEL BOONE - White double with a blue eye. Tailored foliage. Miniature.
 *DAPPER DAN - (2017) 11-14-69 (Granger) - Brilliant dark blue double. Plain, quilted foliage. Grows standard.
 DARE YOU - (Lyon) - Double pink bloom. Tailored foliage.
 DARLING BLUE - Light blue semi-double. Dark green slightly ruffled foliage.
 DATING GAME - (Parker) - Powder blue flat type double with a white edge. Petals are marked with darker veining. Red backed quilted foliage.
 DAWN PURPLE - (Lyon) - Double plum purple. Dark red backed. Standard foliage.
 DEAN - (Watts) - Double dark blue-purple bloom.

Medium green, plain, quilted foliage.
 DEANNA - (Watts) - Double medium pink. Medium green, plain foliage.
 DEBBIE - (See Westwinds' Debbie)
 DELIGHT - (See Westdale Delight)
 DESERT ROSE - (Granger) - Full pointed petal soft rose double, white edge.
 DIMPLED DARLING - Single pink bloom with purple markings. Plain foliage.
 DING-A-LING - (Volkart) - Modified girl foliage. Single lavender star with purple markings.
 DISCOVERY - (Rector) - Quilted ruffled dark foliage. Single shaded lilac.
 DIXIE MAGIC - (Haga) - Frilly deep red double. Dark ruffled leaves, edges variegated in cream.
 DIXIE SNOW - (Haga) - White double, starts out green. Foliage wavy and flat.
 DOGWOOD BLUE - (Lyon) - Double deep blue stars with dogwood white tips. Shiny strawberry foliage.
 *DON - (2057) 1-14-70 (Mrs. J. J. Kreska) - Single dark velvety violet with a darker edge. Quilted foliage. Grows standard.
 DONNIE JOE - (Volkart) - Tailored foliage. Wavy white star with lavender and blue markings.
 DOT'S REBELLION - (Brackin) - Semi-double deep rose.
 DOTTY RED - (Maas) - Double frilled red blooms. Wavy dark green foliage.
 DOUBLE CREST - (Kolb) - Double purple star with red purple edges. Tailored foliage.
 DOUBLE SAMOA - (Lyon) - Double purplish blue with lights and spots. Tailored foliage.
 DOUBLE SEAFOAM - Medium blue full double with a white edge. Ornamental foliage.
 DOUBLE SIR LANCELOT - (Granger G.) - Double two-tone lavender and purple. Symmetrical medium green quilted foliage.
 *DOUBLE TAKE - (1984) 8-29-69 (Lyon) - Double pansy purple star. Quilted ovate foliage. Miniature.
 DOUBLE TAKE - Miniature. Tiny dark leaves. Rose pink double.
 DRAMATIC - (Parker) - Deep rose double bloom. Medium green quilted foliage.
 DREAMY FRILLS - (Volkart) - Girl type leaves. Frilled, crested white with pink markings.
 DROP UP - (Lyon) - A true miniature. Strong upright bold stars of white to burgundy.

E

EARLY SHOW - (Parker) - Double clear pink bloom. Plain quilted foliage.
 ECHO RED - (Parker) - Fuchsia red semi-double bloom. Dark green quilted foliage.
 ECLIPSE - (See Kramer's Eclipse)
 EDGE OF NIGHT - (Arndt) - Semi-double white face with a dark blue fringed edge. Foliage is notched and ruffled with a bit of a bustle.
 EDITH - (Ozark Club) - Slightly wavy notched leaves. Frilled and fluted pink double.
 EDITH'S TOY - (Ozark Club) - Tiny dark foliage. Pink star. Miniature.
 ELEANOR ANN - (Butler) - Single dark pink bloom with deeper eye. Scalloped and quilted foliage.
 ELEGANT - (Swift) - Red semi-double, ruffled petals. Dark, wavy, red backed foliage. Medium grower.
 ELUSIVE - (Frathel) - Dark green red backed tailored foliage. Full double medium pink with a frilled edge.
 ESCAPADE - (Lanigan) - Large full double. Deepest blue with rosy overtones. Dark standard foliage.

F

FAIREST - (See Aurora's Fairest)
 FAMILY AFFAIR - (Parker) - Semi-double rosy pink star, with some white in center. Quilted foliage.
 FANTASY ROSE - (Kartuz) - Rose-red double, marked and shaded lighter rose. Dark symmetrical foliage.
 *FIREBIRD - (2018) 11-14-69 (Granger) - Fringed single

brilliant red center with a broad white border. Wavy foliage. Small type standard grower.
 FIRE HAZARD - (Lyon) - Full double bright fuchsia. Deep green, quilted foliage.
 FIRST SNOWFALL - (See Westwinds' First Snowfall)
 FLEECY CLOUD - (E. Fisher) - Clear pink semi-double star with white edge, slightly ruffled. Quilted foliage.
 *FLICK TOO - (2000) 10-24-69 (Griffiths) - Double cerise rose red. Plain ruffled pointed foliage. Standard.
 FLORISTA - (Parker) - Full double medium pink bloom. Notched, medium green foliage. Medium size grower.
 FLY AWAY - (Volkman) - Semi-double red bloom with a slight white edge. Medium green tailored foliage.
 FOGGY WEATHER - (Rymer) - Double blue bloom with silver edges.
 FOREVER YOURS - (See Kramer's Forever Yours)
 FOX FIRE - (Swift) - Double red bloom. Medium green ruffled girl type foliage. Medium grower.
 FRENCH KNIGHT - (Arndt) - Purple fringed star. Black-green, wavy foliage.
 FRIENDLY RIVAL - (Parker) - Semi-double deep pink bloom with a deeper pink eye. Dark green quilted foliage.
 *FRILLED DANDY - (2070) 2-17-70 (Mallette) - Creamy white semi-double star with a frilled chartreuse edge. Some tufted top petals are green. Quilted, ruffled, ovate and pointed foliage. Grows standard.
 FRILLY BILLY - (Volkart) - Frilled and ruffled pink bloom. Tailored foliage.
 FROSTED LILAC - (E. Fisher) - Semi-double rose-purple star, trimmed in deep amethyst violet and a cream edge. Medium green serrated foliage.
 FROSTED ROSE - (Lanigan) - Double rose pink with darker top petals and a geneva edging. Dark foliage.
 FROSTED SNOW PRINCE - White single. Variegated foliage.
 FROSTING - (Frathel) - Tailored foliage. Frosty rose with a wide band of white on bloom.
 FROSTY OF THE ROCKIES - (Carr) - Medium green standard leaf. Semi-double white with lavender shadings. Semi-miniature.
 FUCHSIA SPARKS - (Swift) - Large fuchsia star bloom. Plain, tailored foliage. Large grower.

G

GALLANT - (Volkman) - Large rose-pink double. Dark green quilted leaves.
 GARNET - (Maas) - Double deep garnet red. Shiny strawberry foliage. Medium grower.
 GARNET STAR - (E. Fisher) - Double purple star, tips of petals frilled and edged in white.
 GAY PIONEER - (Janosick) - Blue double. Plain foliage. Grows large.
 GAY WHITE - (Janosick) - Double white and pink bloom. Plain foliage. Grows large.
 GEE GEE - (Volkart) - Double wavy red orchid bloom with a white edge. Wavy foliage.
 GEM DANDY - (See Kramer's Gem Dandy)
 GENIE - (See Missouri Genie)
 GERTRUDE HONEY - (Gertrude) - Wavy bright red double. Shiny ruffled dark foliage.
 *GIANT STEP - (2045) 1-8-70 (Tinari) - Semi-double vivid pink. Slightly glossy heart shaped leaves. Grows sixteen inches and more.
 GIDDY-UP-GO - (Ozark Club) - Double frilled pink with darker edges. Dark foliage.
 GIGI - (See Rhapsodie Gigi)
 GIRE DUST - (Utz) - Double frilled fuchsia pink bloom. Shiny foliage.
 GLAMOUR DOLL - (Lyon) - Full double light blush pink, shading to rose pink edges. Dark red backed foliage.
 GLITTER TOP - (Lyon) - Deep rose red double heavily frilled. Dark ruffled foliage.
 GLITTERING JEWEL - (Rose Knoll) - Deep pink double, heavily fringed in green. Wavy holly type leaf. Grows large.
 *GLOBUS PALLIDUS - (2073) 4-20-70 (Dr. F. B. Cohen)

- Double light bluish lavender with dark lavender top petals and edges. Plain foliage. Standard.

GOOD SPORT - (Volkart) - Double pink bloom with a green edge. Dark hairy leaves.

GLORLETTE - (Arndt) - Rosy cerise single with a red edge. Shiny ruffled foliage.

GO LIGHT - Semi-double velvety purple. Tailored foliage.

GORGEOUS - (E. Fisher) - Deep bright fuchsia double. Semi-wavy deep green strawberry foliage.

***GRANGER GARDEN'S PIED PIPER** - (2021) 11-14-69 (Granger) - Double blue-white bloom. Plain, quilted and pointed foliage. Grows standard.

GREENBRIER - (Arndt) - Fringed white and blue mottled double. Ruffled foliage.

***GREEN FRILLS** - (1995) 10-1-69 (E. Fisher) - Double fringed green, tinged pale lavender bloom. Quilted ruffled glossy foliage. Grows standard.

GREEN ROSETTE - (Madison G.) - Double green and white bloom. Light green tailored foliage. Small growing plant.

***GUS** - (2071) 2-17-70 (Swift) - Double dark magenta, sometimes has purple streaks in petals. Plain, slightly quilted foliage. Grows standard.

H

HAPATICA - (Tinari) - White single bloom streaked and rayed with lavender and purple overlay. Dark green wavy foliage.

***HAPPY DAZE** - (2030) 11-20-69 (Shaw) - Double bloom of pale pink with reddish plum on edges and tips of petals. Pointed, quilted foliage. Grows standard.

HEAVENLY STARS - (Frathe) - Peach semi-double star with a frilled dark rose colored edge.

***HELEN DALY** - (2072) 4-8-70 (Dennis R. Fallon) - Medium pink double frosted bloom. Ovate, pointed tailored foliage. Compact standard grower.

HI FI - (Richter) - Intense fuchsia-red star. Tailored foliage.

HI FRIEND - (Lyon) - Double deep blue, with white incurved edges. Notched foliage. Small grower, - semi-miniature.

"HI GAIL" - (Watts) - Double rosy red. Dark green, pointed, red backed, quilted foliage.

HI GOOD LOOKIN - (Parker) - Frilly edged velvety maroon double. Wavy notched, dark green foliage.

****HI LOVELY** - (Lyon) - Full double fuchsia stars with a white edge. Strawberry foliage. Medium grower.

HIGH VOLTAGE - (Lyon) - High burgundy red double bloom with wavy edges. Forest green moderately waved foliage.

HIT OR MISS - (See Missouri Hit or Miss)

HOLIDAY CANDLE - (Arndt) Double frilly cerise-red with a fringed gold edge. Shiny dark green red-backed foliage.

HOLLY GOLIGHTLY - (Kartuz) - Semi-double lilac star, frilled green edges. Dark glossy holly foliage.

HONEY BUNNY - (Lyon) - White semi-double blooms. Tailored foliage.

HONEY JEWEL - (Rose Knoll) - Double light pink with copper tones. Dark tailored foliage.

HOT DROPS - (Champion) - Hot pink double ruffled bloom. Tailored pink and green variegated foliage.

HOT ONE - (Parker) - Fuchsia star. Heart shaped dark green foliage.

HYMAN - (Maas) - Double. vibrant lilac. Plain tailored foliage.

I

ILLINI CADET - (Rose Knoll) - Red semi-double star with white and green border. Dark tailored foliage.

I'M SO BLUE - (Griffiths) - Shades of blue and white, from deepest to sky. Tailored scalloped emerald foliage. Double to semi-double.

****INCA CHIEF** - (Lyon) - Fuchsia red double with a wide white edge. Tailored strawberry foliage.

INDIAN RIVER - (Parker) - Semi-miniature, medium blue

double. Dark green quilted foliage.

INDIGO MAID - Double purple bloom. Tailored foliage.

INKY PINK - (Lyon) - Semi-double deep pink flowers splashed with purple ink. Red backed foliage.

INNOCENT - (See Aurora's Innocent)

I SPY - (Lyon) - Glossy round compact foliage. Deep pink double flowers.

IN STYLE - (Richter) - Pink semi-double with white edges. Tailored foliage.

IVORY BUTTONS - (Champion) - Ivory white double. Pink and green slightly spooned foliage.

J

***JAY BEE GEE** - (2001) 10-24-69 (Griffiths) - Wine amethyst with a pencil edge of deep black wine. Full ruffled pom pom type double bloom. Quilted deeply scalloped and pointed foliage. Standard.

***JAYNE ANNE** - (2002) 10-24-69 (Griffiths) - Double medium pink with red rose shadings and petal tips rose red. Quilted, ruffled, pointed strawberry type foliage. Standard grower.

JAZZ - (Watts) - Double shaded lavender to deep wine. Pointed, dark green foliage with light ribs.

***JENNIFER** - (2006) 10-25-69 (Tinari) - Single lightly cupped pale lavender bloom with a border of dark lavender and a very narrow white to green edge. Longifolia, pointed foliage. Grows standard.

JEWEL BOX - (Richter) - Rose lavender bloom. Tailored foliage.

JEWELTONE - (Lanigan) - Flat semi-double. Rosy pink with raspberry center. Dark flexible foliage.

JIM DANDY - (Watts) - Double medium rosy-purple bloom. Quilted light green foliage.

***JIMMY WATSON** - (2041) 1-5-70 (Kienzle) - Single dark pink fantasy splashed with purple sometimes has a white streak. Heart shaped leaves. Grows standard.

JOY PINK - (Lyon) - Double light edged rose pink bloom. Fern green strawberry foliage.

JUDY ANN - (Butler) - Double white bloom with shell pink center, some green on edges. Small quilted scalloped foliage.

JULIE B. (Volkhart) - Double shaded purple blue. Tailored foliage.

JUST PINK - (Swift) - Ruffled double dark pink bloom. Ruffled, shiny foliage. Small to medium grower.

K

KABUKI DREAM - (Lyon) - Dark blue double with pink shadings. Dark velvet plain foliage.

KAY GAUG - (Maas) - Two-tone pink double. Wavy foliage.

KAY RUSSELL - (Champion) - Double pink. Shiny light and dark green variegated foliage.

KISMET - (Frathe) - Small growing tailored foliage. Full double white bloom with a pink center.

KIWANDA - (Arndt) - Dark blue double with a green frilled edge. Round shiny almost black foliage.

KNIT WIT - (Lyon) - Fuchsia fantasy, ruffled and double with sparkling white edge. Dark tailored foliage.

KOREAN PRINCESS - (Kartuz) - Two-tone reddish-purple double, edged in white. Large tailored foliage.

***KRAMER'S ECLIPSE** - (2061) 1-15-70 (Bob Kramer) - Double fringed dark blue with white dotted edges. Glossy quilted foliage. Grows large.

***KRAMER'S FOREVER YOURS** - (2062) 1-15-70 (Bob Kramer) - Double fringed medium blue with white edges. Quilted ruffled foliage. Grows large.

***KRAMER'S GEM DANDY** - (2063) 1-15-70 (Bob Kramer) - Double medium blue with dark blue outer petals. Quilted waxed foliage. Grows large.

***KRAMER'S LIBERTY BELL** - (2064) 1-15-70 (Bob Kramer) - Medium blue double with white throughout petals. Quilted waxy foliage. Grows standard.

***KRAMER'S NATURAL BLUSH** - (2065) 1-15-70 (Bob Kramer) - Double white with pink throughout bloom. Quilted foliage. Grows standard.

- *KRAMER'S PEEK-A-BLUE - (2066) 1-15-70 (Bob Kramer) - Double fringed light blue with white edges. Quilted pointed glossy foliage. Grows large.
- *KRAMER'S PETTI POINT - (2067) 1-15-70 (Bob Kramer) - Double fringed white with a pink center and green edges. Quilted foliage. Grows standard.
- *KRAMER'S SCULPTURED CHARM - (2068) 1-15-70 (Bob Kramer) - Double cerise pink. Quilted waxed foliage. Grows standard.

L

- LADY BEATRICE - (Rector) - Variable lilac and white double. Tailored foliage.
- LADY BOUNTIFUL - (Lanigan) - Single stars, pink with deep red-wine border. Dark, broad, round girl foliage.
- LADY HELEN - (Rector) - Crested two-tone fringed orchid. Slightly fluted foliage.
- LADY LOCKET SUPREME - Miniature. Tailored foliage. Semi-double white bloom, sometimes has some pink.
- LADY MINX - (See Susy's Lady Minx)
- LADYSHIP - Large pink semi-double star bloom. Plain green foliage.
- LADY SUZETTE - (See Susy's Lady Suzette)
- LAKELAND - (Richter) - Fluffy white semi-double with blue markings. Tailored foliage.
- LAS VEGAS - (Lyon) - Intense pink double. Black green glossy quilted foliage.
- LAVENDER FLAIR - (Granger) - Full double, deep lavender face, broad dark orchid border. Dark green, quilted, tailored foliage.
- LAVENDER FLUFF - (Mallette) - Double lavender star with a ruffled edge. Tailored medium green foliage with red backs.
- *LAVENDER GEM - (2019) 11-14-69 (Granger) - Double brilliant red orchid with a white edge. Plain, quilted and pointed foliage. Very tailored plant. Grows standard.
- LEE BELLE - (Parker) - Crested, shaded orchid bloom. Dark green slightly notched pointed foliage. Medium grower.
- LE GRAND FLUFF - (Kramer) - Double pink star. Light green shiny foliage.
- LEIGH - (Volkart) - Fringed dark blue purple bloom. Tailored foliage.
- *LEOLA - (2058) 1-14-70 (Mrs. J. J. Kreska) - Deep lavender pink single star with a white edge and deeper line in center of each petal. Quilted, pointed foliage. Grows standard.
- LESLIE - (Lyon) - Double deep amethyst edges with mauve center. Small dark green tailored foliage. Semi-miniature.
- LEWIS AND CLARK - (See Missouri Lewis and Clark)
- LIBERTY BELL - (See Kramer's Liberty Bell)
- LIGHTUP - (Volkman) - Bright double pink bloom with darker edges. Dark green tailored foliage.
- LILAC BOUQUET - (Constantinov) - Large clusters of double lilac blooms. Tailored foliage. Grows large.
- *LILAC WONDER - (2046) 1-8-70 (Tinari) - Double two-tone lavender, variates pale to rosy lavender. Slightly quilted, ruffled girl foliage. Grows standard.
- *LILI BELLE - (2007) 10-25-69 (Tinari) - Large semi-double fuchsia and white and darker fuchsia ruffled blossom with fringed edge. Slightly wavy scalloped and pointed foliage. Standard.
- LINDA - (See Westwinds' Linda)
- LINDORA - (Lanigan) - Double pink with rosy top petals. Tailored rosette foliage.
- LITTLE BLACK SAMBO - (Lyon) - Double maroon blooms. Red backed semi-miniature foliage.
- LITTLE DEANO - (Carr) - Flat notched girl leaf. Single white with orchid edging. Semi-miniature.
- LITTLE FLAME - (Lanigan) - A sister seedling to Color Carnival. Same two-tone type blossom but with more intense coloring. Small grower or semi-miniature.
- LITTLE MAROON - (Lyon) - Large double maroon purple bloom. Wavy red backed foliage. Miniature.
- LITTLE PINK BOY - (Madison) - Large pink double bloom. Tailored foliage. Miniature.

- LOLLIPOP - (Watts) - Semi-double crested, shaded pink, dark reddish pink area thru center of petal shading to lighter edges. Sometimes blooms solid red. Medium green, plain, shiny foliage.
- LOOK SMART - (Lyon) - Full double dark blue stars. Dark tailored foliage.
- *LOUISE BLACK - (2003) 10-24-69 (Griffiths) - Fringed semi-double pale pink, upper petal tips coppery gold. Plain, quilted tailored foliage. Grows large.
- LOVELY ONE - (Swift) - Double ruffled light pink bloom, shading to fuchsia in center. Dark shiny wavy foliage. Medium grower.
- LOVE-N-BEAUTY - (Frathel) - Quilted tailored foliage. Deep raspberry blooms.
- *LUCKY PLUM - (2047) 1-8-70 (Tinari) - Double lavender plum bloom. Plain foliage. Grows standard.
- LULU BELL - Large full double deep lavender on very small growing plant.
- LYNNE - (Volkart) - Shaded double plum red star. Tailored foliage.

M

- MADAM WOO - (Lyon) - Double fuchsia stars. Round dark green, red backed, strawberry foliage.
- MADELAINE - (Richter) - Rosy pink double. Slightly fluted foliage.
- MANY FRILLS - (Utz) - Frilled strawberry pink double. Dark slightly wavy foliage.
- MARBLE PINK - (Volkman) - Double medium pink bloom. Permanent type variegated foliage.
- MARBLE ROSE - (Volkman) - Double rose pink blooms. Permanent type variegated foliage.
- MARGARET NEELY - (Mimi) - Double pink bloom. Tailored foliage.
- MARTHA B. - (Volkart) - White, blue, lavender, purple bloom with a white and green edge. Tailored foliage.
- *MARY ODELL - (1997) 10-1-69 (E. Fisher) - Double deep pink with lighter pink at petal tips. Plain quilted pointed and glossy foliage. Grows standard.
- *MARY USDELL - (2004) 10-24-69 (Griffiths) - Medium to light semi-double with a white border. Trumpet shaped flowers. Large slightly waved quilted and pointed foliage. Standard.
- MARYUM'S ROSE - (Arndt) - Rose pink fringed double bloom. Ruffled foliage.
- *MATCH MAKER - (2031) 11-26-69 (Mallette) - Double light to darker fringed star with a chartreuse edge. Quilted ruffled cupped up foliage. Grows standard.
- MATTIE MAE - (Swift) - Large magenta double bloom with a white edge. Medium green shiny foliage. Large leaves, medium grower.
- MAY QUEEN - (Lanigan) - Tufted single star. Shaded rose pink geneva. Flexible foliage.
- MAYTIME - (R. O. Dennee) - Double light pink stars with white petal backs. Medium green quilted foliage. Standard.
- MELODY - (Volkman) - Large pink semi-double with a slight white edge. Plain green tailored foliage.
- MEMORIES - (Richter) - Huge purple single with tailored foliage.
- MERRIE LYNN - (Kiesling) - Serrated red backed medium green rounded leaf. Two-toned ruffled double pink blossom. Standard grower.
- MICHAEL A. - (Butler) - Double white, purple and lavender bloom. Scalloped foliage.
- MIDNIGHT SNOW - (Button) - Wavy quilted foliage. Variable blue and white bloom.
- MIGHTY MINI - (Parker) - Large powder blue semi-double star. Dark green slightly notched quilted foliage.
- MIGHTY NICE - (Parker) - Semi-double medium blue star. Heart shaped medium green notched quilted foliage.
- MILWAUKEE - (Richter) - Deep lavender semi-double with a white edge. Dark green tailored foliage.
- MING - (Madison) - Wavy red semi-double bloom. Wavy foliage.
- MINI SKIRT - (Richter) - Extra double and large powder

blue bloom. Small neat foliage. Extra small growing plant.

MINNIE HA HA - (Annalee) - Miniature. Tiny foliage. Shaded mauve and orchid bloom.

MINT BLUE - (Lyon) - Green edged double white flowers with blue centers and tiny fern green foliage. Miniature.

MISS AMERICA - (Frathel) - Full double pink bloom. Dark green leaves.

MISS ARKANSAS - (Ozark Club) - Wavy foliage. Double to semi-double, ruffled dark rose dust pink.

MISS BATON ROUGE - (Mimi) - Shell pink double bloom. Semi-miniature.

MISS CLEAR WATER - (Mimi) - Double deep pink bloom.

MISSOURI CLOUD CLIFF - (Volkart) - Frilled white star. Girl foliage.

MISSOURI COUNTRY CAPERS - (Volkart) - Pink to raspberry double with a white edge. Dark shiny foliage.

MISSOURI COUNTRY MUSIC - (Volkart) - Dark notched foliage. Frilled shaded cerise star.

MISSOURI GENIE - (Volkart) - Plum bloom with white edge, single star.

MISSOURI HIT OR MISS - (Volkart) - Quilted foliage. Double plum star with purple and lavender shading.

MISSOURI LEWIS AND CLARK - (Volkart) - Wavy pink star. Girl foliage.

MISSOURI MELODY - (Volkart) - Tailored foliage. Light pink Geneva star.

MISSOURI PEGGIE SUE - (Volkart) - Modified girl foliage. Lavender, blue and white bloom.

MISSOURI PINK STAR - (Volkart) - Standard tailored foliage. Single pink star with a white edge.

MISSOURI SING ALONG - (Volkart) - Tailored foliage. Frilled, shaded, royal blue bloom.

MISSOURI SINGING RAIN - (Volkart) - Girl foliage. Semi-double light lavender star with darker markings.

MISSOURI STAR GLOW - (Volkart) - Dark quilted foliage. White star with pink markings.

MISSOURI STARRY NIGHT - (Volkart) - Tailored foliage. Very dark blue star.

MISSOURI SURPRISE - (Volkart) - Tailored foliage. Double frilled blue and purple star.

MISSOURI TWILIGHT - (Volkart) - Shaded cerise and lavender star.

MISS WILLOW - Semi-miniature. Modified girl foliage. Single orchid bloom.

MISTY - (Granger) - Soft rose full double. Light green pointed foliage.

MOLLY'O - (Frathel) - Double white with a sprinkling of rose in petals. Heart shaped girl foliage.

MOM DEAR - (Maas) - White stars edged in dark blue.

MOM'S GINGERBREAD - (Arndt) - Frilly semi-double orchid fringed violet dotted with specks of purple. Ruffled, marbled and shiny foliage.

*MONIQUE - (2037) 11-29-69 (Constantinov) - Single lavender with a darker eye. Plain quilted foliage. Grows standard.

MONTEREY - (Kartuz) - Trailing basket type. Medium blue double. Round dark green foliage.

MOON BORN - (Maas) - Double white stars, edged in blue with white centers. Symmetrical quilted foliage.

MOON CREST - (Volkman) - Bright pink semi-double. Dark green leaves.

MOON DROPS - (White Cloud) - Semi-double fluted white bloom. Ruffled apple green foliage.

*MOON MAGIC - (2048) 1-8-70 (Tinari) - Single deep violet purple with a broad white edge. Plain slightly pointed foliage. Grows standard.

MOON POPPY - (Swift) - Double light pink bloom. Slightly quilted foliage. Medium grower.

*MOON WALK - (2049) 1-8-70 (Tinari) - Double fuchsia with a distinct white border. Lightly quilted, slightly pointed foliage. Grows standard.

MOONLIGHT MADNESS - (Parker) - Double fuchsia red bloom. Dark green, red reverse, slightly notched quilted foliage.

MOORISH BLUE - (See Susy's Moorish Blue)

MORNING LIGHT - (E. Fisher) - Double speckled lavender fantasy. Plain quilted foliage.

MOUNTAIN SWEET PEA - (Carr) - Ruffled medium green girl leaf. Single lavender two-toned sweetpea type bloom. Semi-miniature.

MOUNT ANGEL - (Arndt) - Full round fringed balls of white and green, a compact double. Grows small. Small shiny green foliage.

MR. LUCKY - (See Susy's Mr. Lucky)

MR. R - (Richter) - Double reddish-purple bloom. Symmetrical tailored foliage.

*MT. SMOKIE - (2076) 5-18-70 (Mrs. I. Haseltine) - Double medium blue with a white edge. Narrow, serrated, quilted foliage. Grows standard.

MURIEL - (Watts) - Double large medium pink bloom. Sometimes fluted with bright green. Shiny, medium green, plain foliage.

MY CHOICE - Semi-double fuchsia stars, with wide white edge. Tailored foliage.

MY LOLLIPOP - (Kolb) - Cerise pink semi-double with deeper center. Shiny wavy foliage.

N

NANCY ANN - (Butler) - Spooned and scalloped foliage. Double white with dark lavender center and edges. Some green on edges.

NANCY DARLING - (Haddock) - Clear pink single. Plain dark green foliage with red backs. Grows standard.

NATURAL BLUSH - (See Kramer's Natural Blush)

NECA CHIEF - (Lyon) - Semi-double dark blue geneva. Tailored flexible foliage.

*NETTIE BORRIN - (2042) 1-5-70 (Kienzle) - Fringed single very pale blue fantasy, splashed with purple, rosy pink inlay. Bloom is shaped like a sweetpea. Heart shaped leaves. Grows standard.

NEZ PERCE - (Arndt) - Double white splotched with cerise and rose. Round, shiny, red reverse, supreme foliage.

NIGHT RIDER - (Granger) - Dark foliage. Purple double bloom.

NIMBUS - (Lyon) - Glossy fern green compact foliage. Semi-double white and blue flowers.

NORTHERN BREEZE - Blue and white single. Large ruffled foliage.

O

OCTOBER - (Raynor) - Single purple bloom. Soft pliable orangy variegated longifolia foliage.

OCTOBER SUNSET - (2038) 11-29-69 (Constantinov) - Single bright hot pink to red bloom. Quilted holly type foliage. Grows standard.

*OH MY - (1991) 9-13-69 (Hawley) - Dark blue double. Some stems have double and single on them. Plain pointed foliage. Standard growing plant.

OPHELIA - (See Rhapsodie Ophelia)

ORCHID CORONA - (Kartuz) - Two-tone orchid-purple single, fringed green edge. Tailored foliage.

*ORCHID LUSTER - (2050) 1-8-70 (Tinari) - Double lavender with a darker border. Quilted. Grows standard.

ORIOLE PINK - (Swift) - Double pink with a white edge. Light green quilted foliage. Medium grower.

*ORION - (2069) 2-7-70 (R. Anderson) - Double white bloom. Plain foliage. Grows standard.

*OUR NANCY - (2005) 10-24-69 (Griffiths) - White and azure blue double. Plain pointed leaf. Standard.

OZARK BLUE - (E. Floyd) - Notched foliage. Royal blue double bloom.

OZARK QUEEN - (Ozark Club) - Dark foliage. Single pink to rose shaded star.

OZARK ROSE - (White Cloud) - Rose pink double. Very dark plain foliage.

OZARK STAR - (Ozark Club) - Quilted foliage. Semi-double pink to rose bloom.

P

PAINTED JEWEL - (Rose Knoll) - Vivid red double. Dark

- wavy leaf with a red back.
- PAM D. - (Volkart) - Shaded plum with a white edge. Dark red backed foliage.
- PAT NIXON - (Volkart) - Dark foliage. Double plum star with lighter edges.
- PATRICIA - (See Rhapsodie Patricia)
- PATRICIA ANNE - (Weynand) - Single frilled white star with shaded purple edge. Soft pliable wavy apple green foliage.
- *PATRICIAN - (2020) 11-14-69 (Granger) - Full double dark purple with a white edge. Plain, quilted and pointed foliage. Grows standard.
- PATRICK O'REGON - (Arndt) - Full double, bloom petals are flared. Emerald green supreme foliage.
- PAT'S PET SUPREME - (Lyon) - Greenish white double bloom. Ruffled foliage.
- PATTY D. - (Volkart) - Tailored foliage. Semi-double frilled pink star with a white edge.
- PEACH IMP - (Volkart) - Round leaves. Peach colored bloom.
- PEACH RUFFY - (Haga) - Pointed foliage. Semi-double ruffled peach bloom.
- PEACH SATIN - (Granger) - Peach pink double. Tailored foliage.
- PEACHY KEEN - (Arndt) - Double fringed peach with notched girl foliage.
- PEACOCK FANCY - (Volkart) - Tailored foliage. Shaded pink, lavender, cerise, purple and blue with green edges.
- PEACOCK STRUT - (Volkart) - Quilted foliage. Blue double with wavy green edges.
- PEEK-A-BLUE - (See Kramer's Peek-A-Blue)
- *PEGGY - (2059) 1-14-70 (Mrs. J. J. Kreska) - Single light pink star with purple dots and splotches. Plain foliage. Grows standard.
- PEGGIE SUE - (See Missouri Peggie Sue)
- *PERSIAN GLORY - (Lanigan) - Large semi-double frilled red stars. Broad ruffled variegated tricolor foliage.
- PERSIAN SURPRISE - (Lanigan) - Full double pink bloom. Tailored variegated foliage.
- PETTI POINT - (See Kramer's Petti Point)
- PETUNIA - (Swift) - Light pink, shading to very dark center star bloom. Light green ruffled foliage. Medium grower.
- PHILLY DILLY - (Swift) - Full double light plum bloom. Dark green slightly quilted foliage. Large grower.
- PIED PIPER - (See Granger Garden's Pied Piper)
- PINK - (Kartuz) - Dark holly foliage. Wavy pink star.
- PINK CAMEO - (Lyon) - Double pink. Round, dark, small foliage.
- *PINK CHINA - (2051) 1-8-70 (Tinari) - Double brilliant pink bloom. Lightly quilted, slightly glossy foliage. Semi-miniature.
- PINK DAPPLED - (Buell) - Girl foliage. Deep pink double bloom.
- *PINK DIAMOND - (1835) 4-7-68 (Tinari) - CORRECTION: Vivid pink single star with a slight white edge. Smooth moss green heart shaped foliage. Standard grower.
- PINK SHADOWS - (Parker) - Deep pink to rose centers semi-double bloom. Green quilted slightly notched foliage.
- PINKERAMA - (Kartuz) - Medium pink double bloom. Dark, tailored, symmetrical foliage.
- PINKESQUE - (Swift) - Double pink with a white edge. Flat soft scalloped foliage. Medium grower.
- PINK EYE - (Griffiths) - Full double ruffled white with a pale pink eye. Heavy, light shade scalloped foliage. Grows large.
- PINKIE PRIDE - (Rose Knoll) - Shaded pink blooms edged in red. Very dark red backed heart shaped foliage.
- PINK LADY - (See Aurora's Pink Lady)
- PINK 'N GOLD - (Granger) - Pink semi-double bloom with green and gold edges.
- PINK 'N PRETTY - (Wing) - Light pink single. Quilted foliage. Standard grower.
- PINK PANTHER - (Lyon) - Very deep pink double stars.
- Compact free blooming variety. Dark tailored foliage.
- PINK PIRATE - (Kartuz) - Double deep pink blooms. Very dark, glossy foliage.
- PINK POLLY - (Watts) - Double medium rose bloom. Quilted, serrated, pointed foliage.
- PINK RAYED - (Lyon) - Double pink with dots and stripes of purple. Large glossy foliage.
- PINK REFLECTION - (Swift) - Delicate pink semi-double bloom. Glossy medium green foliage. Medium grower.
- PINK RIPPLE - (Volkman) - Large pink semi-double. Plain green tailored foliage.
- PINK SPREAD - (Floyd) - Slightly notched foliage. Fluffy pink double bloom.
- PINK STAR - (See Missouri Pink Star)
- PINK UP - (Lyon) - Double pink. Dark green tiny tailored foliage. Miniature.
- PINK VELVET - Pink double. Dark tailored foliage.
- PINK VISION - (Swift) - Double pink with slight white edge. Light green slightly quilted foliage. Medium grower.
- PINK WEDDING - (Swift) - Delicate tulle double pink bloom with white edge. Medium green tailored foliage. Medium grower.
- PLAYMATE - (Lyon) - Double pink stars. Glossy foliage.
- PLUM CLUSTER - (E. Fisher) - Red-violet double star. Dark quilted foliage.
- PLUM PURPLE - (White Cloud) - Round true purple double. Tailored foliage.
- *POM POM DELIGHT - (2052) 1-8-70 (Tinari) - Double ruby red bloom. Lightly ovate and cupped even wheel formation. Semi-miniature.
- *POODLE TOP - (2053) 1-8-70 (Tinari) - Fringed double lavender pink. Short top petals, pale to rosy lavender, faint green tinge. Plain, slightly pointed foliage. Grows standard.
- *POP ART - (2029) 11-20-69 (Shaw) - Double bloom shading from reddish lavender to dark purple at tips of petals. Cupped up ovate foliage. Grows standard.
- POWDER PINK - (Arndt) - Full double dusty pink. Ruffled foliage.
- *PROMA - (2043) 1-5-70 (Kienzle) - Double fringed pale orchid with a deeper eye and a white and green edge. Ruffled heart shaped foliage. Grows standard.
- PUFF BALL - (Richter) - Large pure white double. Light green tailored foliage. Medium size grower.
- PURPLE BOYS - (Madison G.) - Double deep purple. Very dark red backed foliage.
- PURPLE FLATTERY - (Frathe) - Shiny strawberry foliage. Double black purple bloom.
- PURPLE MOUNTAIN - (See Westdale Purple Mountain)

Q

QUEEN ANNE - (See Aurora's Queen Anne)

R

- *RADIANCE - (2022) 11-14-69 (Granger) - Semi-double iridescent red purple with white edging. Lullaby type blossom. Plain, quilted and pointed foliage. Grows standard.
- RANGE RIDER - (Lyon) - Fuchsia red bloom. Dark glistening foliage.
- *RED BEAM - (2054) 1-8-70 (Tinari) - Single intense deep wine red. Heart shaped glossy foliage. Semi-miniature.
- RED CHOICE - (Lyon) - Sport of Purple Choice. Double red blooms and dark tailored foliage.
- RED EYE - (See Westwinds' Red Eye)
- RED FROST - Dark red frilled bloom. Shiny wavy foliage.
- RED SPARKLER - (Granger) - Bright red full fluted double, with a white edge. Light green wavy foliage.
- RED TRINKET - (Lyon) - Red bloom with a sparkling white edge. Dark tailored foliage.
- REVERIE IN WINE - (Arndt) - Single red-purple bloom. Flat wavy edged foliage.
- RHAPSODIE ANNETTE - (Holtkamp) - Pink semi-double. Girl foliage.

RHAPSODIE GIGI - (Holtkamp) - Semi-double white with a blue band. Plain round foliage.

RHAPSODIE OPHELIA - (Holtkamp) - Plum red single, center shaded darker. Plain dark tailored foliage.

RHAPSODIE PATRICIA - (Holtkamp) - Blue and white semi-double. Tailored foliage.

RHAPSODIE ROMONA - (Holtkamp) - Single Bordeaux red.

RHAPSODIE VIOLETTA - (Holtkamp) - Two-tone lavender rose single. Tailored foliage.

RIDIN' HIGH - (Lyon) - Semi-double white stars lightly shaded with blue. Fern green foliage.

RINGLET - (Kolb) - Semi-double pink, sometimes darker edge.

ROEHR'S DELIGHT - (Roehr) - Tailored foliage. Shaded pink double.

ROEHR'S DELIGHT MAGNETA - (Roehr) - Tailored foliage. Magenta bloom.

ROMONA - (See Rhapsodie Romona)

ROSE FLEUR - (Frathel) - Tailored quilted, red backed leaves. Rose color with a deeper rose in center.

ROSE MARIE - (Frathel) - Strawberry foliage. Frilled double deep rose pink. Small growing.

ROSENEATH - (E. Fisher) - Mauve pink double tinged with green. Dark holly foliage.

ROSE OF TRALEE - (Arndt) - Coral rose double with a fringed green edge. Notched, flat, supreme foliage.

ROSE O'REGON - (Arndt) - Semi-double coral-rose with white through the center. Round, ruffled and shiny foliage.

ROSE REVERIE - (Granger) - Two-tone fringed bright rose-red semi-double. Dark tailored foliage.

ROSE SPRIG - (Lanigan) - Full double rosy fuchsia. Tailored foliage.

ROSE WINE - (Swift) - Double rosy wine bloom. Medium dark, shiny foliage. Medium grower.

*ROYAIRE - (2023) 11-14-69 (Granger) - Double royal blue with white edging. Plain, quilted foliage. Grows standard.

ROYAL FLUSH - (1992) 9-13-69 (Hawley) - Semi-double red-purple. Plain, quilted, pointed compact grower. Grows large.

*ROYAL CLUSTER - (1996) 10-1-69 (E. Fisher) - Single and semi-double light mauve with deeper mauve edge. Plain quilted foliage. Flowers do not fall. Grows standard.

*ROYAL FLUSH - (1992) 9-13-69 (Charles Hawley) - Red-purple semi-double. Plain, quilted and pointed foliage. Grows over sixteen inches.

RUCKUS - (Parker) - Large semi-double star of medium pink. Medium green slightly notched foliage.

RUTH B. - (Butler) - Dark quilted foliage. Double medium pink.

RUTH CAREY - (Tinari) - Peachy pink semi-double frilled blossom, tinges of white or green appear in some blossoms. Shiny, forest green quilted foliage.

S

SALLY ANN - (Butler) - Dark scalloped foliage. Single light pink bloom with a darker center.

**SANDY ANDY" - (2077) 5-23-70 (R. J. Craig) - Cerise single star with darker cerise border, frosted edge. Plain, pointed dark green foliage. Grows standard.

*SATELLITE PINK - (1998) 10-24-69 (Kolb) - Semi-double pink with a fuchsia band on the edge. Plain tailored foliage. Grows standard.

SAY WHEN - (Lyon) - Dark holly foliage. Frilled double pansy purple bloom.

SCULPTURED CHARM - (See Kramer's Sculptured Charm)

*SEAFOAM - (2024) 11-14-69 (Granger) - Single fringed medium blue with broad white edge. Pansy type bloom. Quilted wavy foliage. Small size standard grower.

SHEBA - (Volkmann) - Large rose pink double. Dark green tailored leaves.

SHERRY GAIL - (Rymer) - Small heart shaped foliage. Single two-tone lavender bloom.

SHINE BOY - (Arndt) - Slick, shiny, patent foliage. Small medium blue flowers. Semi-double.

SHIPSHAPE - (Richter) - Bright rosy fuchsia double with white edge. Tailored foliage. Medium size grower.

SHIRRED MOD - (Lyon) - Heavily frilled double fuchsia bloom. Dark ruched strawberry foliage.

SHOW DOWN - (Parker) - Double, wavy petalled pink bloom. Slightly notched medium green quilted foliage.

SIAM ROSE - (Swift) - Double rosy-pink bloom. Medium green slightly quilted foliage. Small to medium grower.

SILLY LILLY - (Swift) - Pure white single star with prominent yellow centers. Tailored soft, dark green foliage. Large grower.

SING ALONG - (See Missouri Sing Along)

SINGING RAIN - (See Missouri Singing Rain)

SIP STRIPE - (Volkart) - Dark hairy foliage. Shaded dark purple bloom.

SIS GEE - Double pink bloom. Girl foliage.

*SISSY BRITCHES - (2044) 1-5-70 (Kienzle) - Fringed double pale blue fantasy splashed with purple, pink overlay. Heart shaped leaves. Grows large.

SKY CLIPPER - (Kolb) - Tailored foliage. Semi-double blue bloom with white markings and touches of green.

SKY-HIGH PINK - (Kiesling) - Serrated, quilted bright green red backed standard leaf. Double ruffled light pink blossom.

SKY JEWEL - (Rose Knoll) - Fluffy double white with sky blue markings. Light green tailored foliage.

SMASHING - (Lyon) - Large deep pink full double flowers. Lightly quilted bronzy foliage.

SNO DROP - (Lyon) - Miniature. Small leaves. White bells with blue eyes.

SNOW - Large double white blooms. Plain green leaves.

SNOW FLOWER - (Lyon) - Double white and pink bloom. Plain foliage.

SNOW IN - (Lyon) - Miniature. Tiny leaves. Double white stick title stars. Tailored foliage.

SOPHISTICATED - (Swift) - Light pink semi-double to double bloom. Light green ruffled foliage. Large grower.

SO RARE - (Lanigan) - Double stars of pink with deep red edge with white border. Dark green quilted foliage.

SPARKETTE - (Madison G.) - Double pink often with blue sparks. Dark tailored foliage.

SPINNER - (Richter) - Reddish-lavender single with sparkling white edge. Extra large blooms. Deep green tailored foliage.

SPLASHY ROSE - (Swift) - Medium pink double bloom. Slightly dark tailored, quilted foliage. Medium grower.

SPRING BOUQUET - (Granger) - Quilted foliage. Semi-double rose pink bloom.

SPRING LILAC - (E. Fisher) - Semi-double violet star with a deeper pencil edge. Medium green plain quilted foliage.

SPRINGTIME SWEETHEART - (Swift) - Double round light pink bloom. Quilted foliage. Medium grower.

STAGE - (Janosick) - Double pink bloom. Plain foliage. Grows standard.

STAR CURE - (Kolb) - Slightly wavy foliage. Semi-double frilled light raspberry bloom with star markings.

STAR DREAM - (Lanigan) - Pink and red two-tone double star. Medium green foliage. Grows large.

STAR GLOW - (See Missouri Star Glow)

STARRY NIGHT - (See Missouri Starry Night)

SULTRY PURPLE - (Lyon) - Double dark maroon purple with curly edges. Dark ruched foliage.

SUMMER SNOW - (See Westdale Summer Snow)

SUNDAY - (Volkmann) - Double pink bloom. Medium green tailored foliage.

SUNSET SKY - (Lanigan) - Double deep raspberry bloom. Almost black foliage. Medium sized compact grower.

SURPRISE - (See Missouri Surprise)

SUSAN - (Maas) - Tailored foliage. Pink semi-double star with cherry pink markings.

SUSY'S LADY MINX - (Johnson) - Girl foliage. Single lavender violet fantasy.

SUSY'S LADY SUZETTE - (Johnson) - Girl foliage. Violet double bloom with darker tips.

SUSY'S MORRISH BLUE - (Johnson) - Quilted foliage. Single blue bloom.
 SUSY'S MR. LUCKY - (Johnson) - Dark foliage with pinched edges. Double violet with darker edges and top petals.
 SUSY'S WETA - (Johnson) - Semi-miniature. Small foliage. Double white bloom.
 SWEET AMETHYST - (Swift) - Lavender-blue double bloom, slight white edge. Ruffled foliage. Medium grower.
 SWEET CHARLOTTE - (Arndt) - Semi-double baby pink bloom. Plain foliage.
 SWEETHEART ROSES - (Frathel) - Tailored heart shaped variegated foliage. Deep pink double.
 SWEET PIXIE - (Swift) - Delicate pink double bloom. Medium green tailored foliage. Semi-miniature.
 SWEET SUGAR - (See Westwinds' Sweet Sugar)
 SWINGER - (Richter) - Tailored foliage. Double blue and white.

T

TASSEL - (Lyon) - Full double deep pink bloom. Red backed glossy plain foliage.
 TEJAS - (Swift) - Dark fuchsia with darker streaks, semi-double to double bloom. Bronzy green tailored slightly pointed foliage. Medium grower.
 THE DUCHESS - (Frathel) - Double bloom with a mauve center, and wide purple band on edge. Dark variegated flat girl foliage.
 THE GENERAL - (Granger) - Tailored foliage. Semi-double purple star.
 THE MOUNTAINEER - (Ozark Club) - Dark foliage. Double delicate pink.
 THE TOY - (Parker) - Miniature. Dark quilted foliage. Light blue semi-double with darker markings.
 TINY TINA - (Madison) - Bright double pink with deeper center. Small strawberry foliage. Miniature.
 TINY VIOLET - (Lyon) - Double violet-blue. Regular tiny foliage. Miniature.
 TIOGA - (Swift) - Large pink double bloom. Light green tailored foliage. Medium to large grower.
 TOP STARS - (Parker) - Large pink stars with deeper centers. Shiny medium green quilted foliage. Grows large.
 TRAVELER - (White Cloud) - Shades of rose to deep red semi-double. Ruffled foliage.
 TRILBY - (Richter) - Double pink blooms. Small growing plant.
 TRUE BLUE - (Granger) - Double deep blue edged in crystal white. Slightly crenate quilted foliage.
 TRUMPET HYBRID - (Granger) - Ruffled foliage. Double white with blue edges.
 TWILIGHT - (See Missouri Twilight)

U

UGANDA TROPHY - (Arndt) - Medium delft blue shaded and marked with silvery white, ruched semi-double bloom. Ruffled bright green foliage.
 ULTRA SPORT - (Richter) - Pink double streaked with fuchsia. Pointed foliage.

V

VANITY FAIR - (Frathel) - Tailored light green foliage. Full double lavender-pink with purple dots through petals.
 VARIEGATED PIN UP - (Lyon) - Ruffled variegated foliage. Double ruffled pink bloom.
 VERMILION LAKE - (E. Fisher) - Bright fuchsia star. Dark green veined tailored foliage.
 VERONICA - (E. Fisher) - Double violet stars. Medium green semi-wavy foliage.
 VIBRANT BLUE - Bright blue double bloom. Light green foliage.
 VICTORIAN JEWEL - (Lanigan) - Average sized double. Lavender with purple border and gold edging. Dark flexible foliage.

VIOLET CAREY - (Lyon) - Semi-double blue-violet. Dark foliage. Medium size dainty grower.
 VIOLETTA - (See Rhapsodie Violetta)
 VOLCANO - (Arndt) - Double red with gold ruffled edge. Dark, shiny, ruffled supreme foliage.
 VULCAN - (Lyon) - Single royal purple stars, with rays of fuchsia. Standard foliage.

W

WALLINGTON - (Roehr) - Compact grower. Dark foliage. Bright blue semi-double.
 WESTDALE BLUE DALE - (Haseltine) - Semi-double blue bloom. Strawberry foliage. Standard grower.
 WESTDALE DELIGHT - (Haseltine) - Semi-double white bloom with a lavender edge. Quilted, serrated foliage. Standard grower.
 WESTDALE PURPLE MOUNTAIN - (Haseltine) - Double purple bloom. Long pointed strawberry foliage. Standard grower.
 *WESTDALE SUMMER SNOW - (2075) 4-30-70 (Mrs. I. Haseltine) - Double white bloom. Quilted, ovate foliage. Grows large.
 **WESTWINDS' CHERIE - (1924) 1-10-69 (Woodward) - CORRECTION: Medium green heart shaped serrated tailored foliage. Large white fringed semi-double star tinted blue in center. Standard.
 WESTWINDS' DEBBIE - (M. Woodward) - Medium green heart shaped tailored foliage. Large bright pink fluffy double bloom with darker eye.
 WESTWINDS' FIRST SNOWFALL - (M. Woodward) - Medium green heart shaped foliage, sometimes ruffled, white frilly edged single bloom with slight chartreuse edge in bud.
 WESTWINDS' LINDA - (M. Woodward) - Dark, slightly frilly red backed foliage. Huge light pink frilly semi-double bloom with darker eye, chartreuse edge in bud.
 WESTWINDS' RED EYE - (M. Woodward) - Dark green red-backed pliable foliage. Bright pink single with deep red eye.
 WESTWINDS' SWEET SUGAR - (M. Woodward) - Slightly pointed tailored foliage, sometimes ruffled. Frilly pure white double bloom.
 WETA - (Susy's Weta)
 WHAT NOW - (Lyon) - Miniature. Serrated foliage. Pink buds with white edges.
 WHIPPED CREAM - (Frathel) - Black green tailored foliage. Full double cream bloom with a bit of pink sprinkled over petals. Small growing.
 WHITE CUP - (Richter) - Greenish white double. Small tailored foliage.
 *WHITE REGENT - (2025) 11-14-69 (Granger) - Double white with over tones of soft lavender in center. Plain, quilted foliage. Grows standard.
 WHITE TANGO - (Tinari) - Large double white. Grotei foliage.
 WHO CARES - (Parker) - Medium blue double bloom with darker upper petals. Medium green quilted foliage.
 WIND CHIMES - (Arndt) - Soft pink single star. Compact tailored foliage.
 WINDERMERE - (R. O. Dennee) - Large light medium blue, loosely doubled. Flat quilted, pointed foliage. Standard grower.
 *WINE BOUQUET - (2039) 11-29-69 (Constantinov) - Double wine. Plain tailored quilted foliage. Grows standard.
 WINNIE - (Tinari) - Sport of Diamond Jubilee, with wine red color edged in white. Dark green, heart shaped foliage.
 WINTER SNOW - (E. Fisher) - Fluffy balls of double white flowers with green tinged edges. Quilted foliage. Medium size grower.
 *WISTERIA - (2056) 1-8-70 (Tinari) - Double lavender bloom. Plain glossy foliage. Grows to a perfect wheel. Grows large.
 WITH PLEASURE - (Parker) - Rose star with deeper center and prominent pollen. Heart shaped dark

quilted foliage.
WY'EASt - (Arndt) - Spooned foliage. Double rose-orchid with upper petals of wine.

Y

YAKIMA PEACH - (Arndt) - Fringed full double peach with darker tips. Variegated foliage of cream and pink,

edges are notched.
YES, MA'AM - (Frathel) - Scalloped girl foliage. Deep pink double water lily type bloom.

Z

ZEE ZEE - (Utz) - Frilled dark foliage. Frilled dark blue bloom with white edge.

African Violet Society of America, Inc.

By Frank Burton
P. O. Box 575
Old Saybrook, Conn. 06475

What is it?

A non-profit group of people who are interested in African violets and by banding together can do many things they could not do as individuals.

How is it governed? By a Board of Directors and usual officers who are elected by the membership at the Annual Convention.

What does it do?

(1) Publishes a journal "African Violet Magazine" to keep its members informed of new developments and society news.

(2) Conducts research into plant improvement and insect control and cultural methods.

(3) Maintains registration of plant varieties so that we have a definite name and description for each variety.

(4) Sets up standards for shows and judging.

(5) Operates a library to inform and help produce programs for its affiliate clubs.

(6) Makes good cultural information available to all interested people.

(7) Holds an annual convention and national show.

(8) Tries to promote knowledge of and interest in African violets to the general public.

(9) Through affiliate clubs creates a beneficial meeting place for people with a mutual interest.

What can it do for you?

(1) Keep you aware of all that's new in African violets through the magazine and

library.

(2) By scientific research help solve your growing problems.

(3) Supply awards to be competed for.

(4) Train and qualify your judges.

(5) Maintain identification of your plants.

(6) Help you find new friends who share your hobby.

(7) Supply fine society jewelry.

(8) Bring commercial members together.

What can you do for A. V. S. A. ?

1. Maintain your membership
 - (a) Important to have large membership.
 - (b) Only source of funds.
2. Grow and show beautiful African violets.
3. Get new members - Membership Contest
Cultural Sheets
Salesmanship
4. Organize new clubs.
5. Contribute articles to magazine or slides to library.
6. Serve your local club faithfully as a member or officer.
7. Promote African violets at every opportunity.
8. Contribute to Boyce Edens Research Funds.
9. Contribute to AVSA Boosters Fund.

◆

That plant in the clay pot just can't seem to get enough water? Always dry? Put the pot in a plastic sack, fasten with rubber band around the pot, poke hole at drain hole. Don't water too heavily, that pot is going to hold moisture now.

Violet Talk

By Mrs. Scwell B. Jackson
1120 E. Delmas
Nashville, Tenn 37216

I talk to the animals, birds, and flowers; in fact I'll talk to anything that will listen to me. And I believe I can understand them.

I was visiting a show, and naturally was drawn to the African violet exhibit. I overheard them talking among themselves.

One said, "I wish we didn't have to come here. The people have no respect for our welfare or feelings. They only think of themselves."

About that time, Snowy Prince exclaimed! "Oh mercy, here comes old Mrs. Snooty. She will tear you apart looking at your crown. She always checks to see if you have a double crown. See, I told you, well, she didn't find what she was looking for."

"Well, I see old Mrs. Catt creeping this way," said 'Strawberry,' and are we in for trouble." "Why do you call her Mrs. Catt," asked Tom Boy? "Why! Because her nails are long and sharp, and she digs around in our soil to see if we are dry. Help! I was right. She really got to the roots that time."

"O, Boy, here comes the bruiser," said Blue Boy. "I really wish I could give her what she deserves." "And why do you call her the bruiser," asked Mentor Boy? "Because she pinches and prods. She always says, I just can't believe they are real. I hope she gets this over quick. Well, she did it, and I'll have bruises all over me, and will I have a tough time explaining them to Blue Girl. I think I'll pull her hair and see if it's hers, or a wig. That would teach her a lesson."

"Have any of you ever come in contact with Mrs. Snoopy," asked Red Head? "Well, here she comes, and you are in for a shock. She'll pull out our marking pens to see if we are classified correctly, then she will jab them back in us. I'll tell you one thing, if she sticks me this time, she'll learn why I'm called Red Head."

"Well, well, look who's here," said Funny Face. "It's the snitcher. To think how we were bathed and groomed this morning, but by the time she leaves, we will look like rag bags. Just look at her, she's looking around to see if any one is watching her so she can snatch our leaves. Well, here she goes, she got me, and she'll get you too. And she has just ruined

my beautiful shape. Oh well, as they say, "that's show biz"."

"What about the judges?" asked Pearly Shell. "I'll admit they are nice people, and know their jobs; but they pick you up, look under your leaves, check your color and turn you around and around until you are dizzy. And when they are trying to select the queen of the show, if you are fortunate or unfortunate to be in the running, it starts all over again, turning, peeking and checking. Sometimes I think I'd rather be a peasant than a queen.

"I still say I'd rather have stayed at home, with all the loving care I get. But I guess it was worth all the agony we endured; as we all did receive blue ribbons, and made our owners proud.

"I know I'll be a nervous wreck, and it will take weeks to recover; but my owner will soon have me back looking like my old self. Well, I hope I see you at the next show, and good health and happy blooming."

An Acrostic

Mrs. Joseph J. Larose
R.F.D. #1,
Saco, Maine 04072

A is for the ADVENT of a houseplant beyond compare.

F is for a FLOWER who revels in fanfare.

R is for RICHNESS in foliage and bloom.

I is for INTRIGUING when set in any room.

C is for CALAMITY when room you haven't got!

A is for AMEN when once you've got a lot!

N is for NEWNESS for all us growers scheme.

V is for VARIETY, a hybridizer's dream.

I is for INTERNATIONAL, that's what A.V.S.A.'s to me.

O is for ORGANIZED, in 1946 the Society came to be.

L is for LEAVES, one leads to many.

E is for EXCITING, their charm is uncanny.

T is for TOGETHERNESS, that's what it brings to you and me!!

FRIENDLY VIOLETS

by Rhoda Retkovis

African violets are my own true love—

Like all else, they come from above.

God in His goodness sent some to me

And I display them for all to see.

Watered and fed and groomed with care,

They have a beauty that is quite rare.

Violets, like friends, are precious and fine,

And all violet lovers are friends of mine.

STRICTLY BUSINESS - - YOUR BUSINESS

A TABLE OF INFORMATION TO USE IN CONDUCTING YOUR BUSINESS WITH YOUR SOCIETY TO INSURE GOOD SERVICE.

ALWAYS GIVE YOUR NAME AND COMPLETE ADDRESS. IF YOU HAVE MORE THAN ONE ITEM SEND EACH ITEM TO THE CORRECT PERSON.

AVSA BOOSTER FUND:

Send contributions to Mrs. Marvin E. Garner, 4817 Cleveland Ave. N. W., Canton, Ohio 44709

AVSA OFFICE:

Mrs. Wade H. Bell, Office Manager Address: Box 1326, Knoxville, Tenn. 37901

AFFILIATES:

Chapter, Council, Country, State or Regional Society. Affiliates are listed in November issue. For information on show awards; how to start a chapter in your area; questions on new or renewal membership, write Mrs. Lizeta Hamilton, 675 Soldier Hill Road, Oradell, N. J. 07649

BEST VARIETIES LIST:

See November issue.

BEST VARIETIES - HONOR ROLL COMPILER:

Mrs. Ross V. Lahr, 3559 E. Easter Ave., Littleton, Colo. 80120

BOYCE EDENS RESEARCH FUND:

Send contribution, club or individual, to Mrs. Paul O. Gillespie, Sr., 5201 St. Elmo St., Chattanooga, Tenn. 37409

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CHAPTER CHATTER:

Send to Editor, Mrs. Grace Foote, 211 Allien Pl., Port Arthur, Texas 77640

COMMERCIAL ACTIVITIES:

Albert Buell, Buell's Greenhouses, Box 218, Eastford, Conn. 06242

COMMERCIAL MEMBERS: See list in November issue

CONVENTION:

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PROGRAM: See March issue. Send special requests for workshop programs; suggest names of interesting speakers to Miss Edith Peterson, 1545 Green St., San Francisco, Cal. 94123

SCHEDULE: See January issue

TIME AND PLACE: If your club or a group of clubs would like to sponsor a national convention in your area, write to Mrs. H. Harold Baker, 2182 Stanford Ave., St. Paul, Minn. 55105

CULTURE FOLDERS:

Free culture folders are available from AVSA office, Box 1326, Knoxville, Tenn. 37901 for distribution at shows or by commercial members with plants. Membership application included.

HONOR ROLL: See June issue

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JUDGES:

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For information on holding a school or to become a qualified judge, write to Mrs. Ruth Carey, 3900 Garden Drive, Knoxville, Tenn. 37918

LIBRARY:

See June issue for list of slide programs and packets available from AVSA Library. Order from Knoxville office. If you have ideas for a library program or slides to donate for library, write Mrs. Wayne W. Schroeder, 1739 N. 74 Ct., Elmwood Park, Ill. 60635

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ARTICLES: Send to Editor, Mrs. Grace Foote, 211 Allien Pl., Port Arthur, Tex. 77640

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Send new or renewal membership to AVSA Treasurer, Box 1326, Knoxville, Tenn. 37901. Make check payable to AVSA. Life - \$100; Commercial - \$15; Individual - \$6; Council, Country, State, Region - \$15. FOR AFFILIATE, GIVE THE FOLLOWING INFORMATION: Name of chapter or council; President's name and address; address to which magazines are to be sent; name of town considered home town of chapter.

APPLICATIONS AND BROCHURES: Free from Knoxville office. Please state quantity required. Use for show, commercial sales room or wherever memberships may be solicited.

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NOMINATING COMMITTEE REPORT:

See January issue.

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TALLY TIME: See March issue.

TEACHERS:

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TREASURER'S AND AUDITOR'S REPORT:

September issue.





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